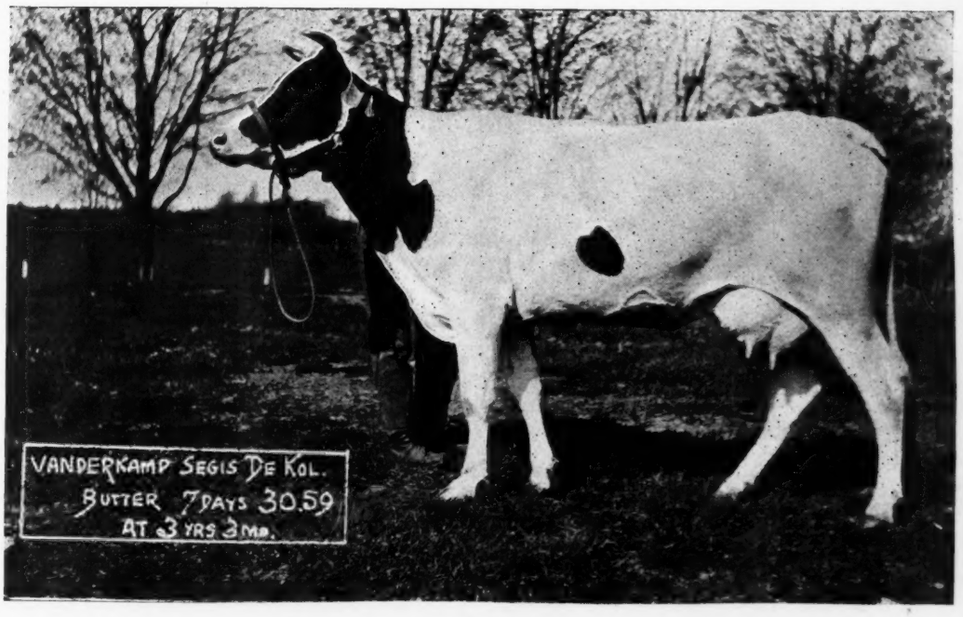
HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION SYRACUSE, N. Y. JUNE 3, 1916



Herd Sire, King Quality No. 88237

A sire whose value does not depend upon breeding only, as his daughters are making good and are demonstrating his great transmitting ability.

Five of his first eleven tested daughters have each made over 20 lbs. of butter in seven days as two-year-olds with first calf. Every one of the eleven has made a larger record than did her dam at the same age.

The high records which these daughters of King Quality are making are to his credit, and while he is being bred to a large number of high record cows, he has proven his ability to get great producing daughters from dams with average records.

The young bulls we are offering for sale are bred in lines which show results without having to be bred to 30-lb. cows. They are bulls which will help you to raise 30-lb. cows from your present herd.

We are offering

Another Opportunity

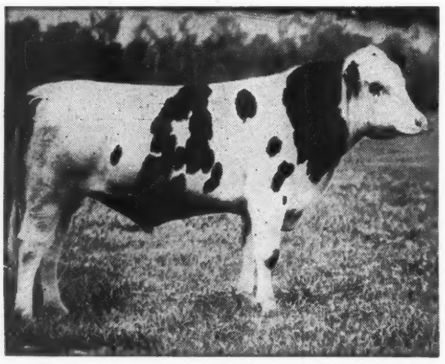
to secure a King Quality bull at our

Special Prices

Please mention this ad when writing.

Bonalevo Farms

R. E. Chapin & Son Box 302 Batavia, N. Y.

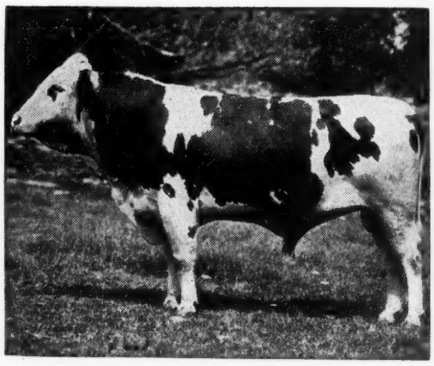


King Korndyke Wayne Veeman 109336

Joint Owners

E. E. Risley
Hill Pine Farms
Walton, N. Y.

Mrs. W. L. Terry
Locust Grove Farm
Walton, N. Y.



King Pontiac Pleione 72852

WE LIKE THIS COMBINATION

Our senior sire, **King Pontiac Pleione,** has 125 living daughters, and more coming. His list of 14 official record daughters includes 3 two-year-olds with records of 22 to 23.67 lb., another two-year-old above 20 lb., and a 27-lb. three-year-old. He is a son of King of the Pontiacs (159 A. R. O. daughters—10 above 30 lb.), and Pontiac Pleione, the greatest producing daughter of Hengerveld De Kol, as well as one of his best daughters individually.

On the daughters of King Pontiac Pleione we are using **King Korndyke Wayne Veeman 109336,** who was by King Korndyke Sadie Vale and from a 30.9-lb. four-year-old daughter of Sir Veeman Hengerveld (7 30-lb. daughters, and more above 29 lb. than any other living sire). King Korndyke Sadie Vale is the only bull having a 41-lb. dam and a 40-lb. sister. His three nearest dams and a daughter each of his sire and dam average about 37.5 lb.—an unapproached showing. His first four daughters, all being jr. two-year-olds, average 24.27 lb. butter in 7 days, another unapproached showing.

Is it wrong to figure that this combination will get results? The youngsters certainly look the part.

None of the daughters of the above bulls will be disposed of by their owners until they have been officially tested.

SERVICE FEES FOR APPROVED COWS TO INSURE LIVE CALF $50.00

Summer Feeding For Milk

The most critical seasons of the year to maintain economical milk production are early spring, before the cows are turned out on pasture, and midsummer. The skilled herdsmen who have made a careful studv of the situation claim that there is a greater loss in the flow of milk at this time than during the winter months, when grain feeding is practiced.

During the summer months in most work is most pressing, there is a dry period of several weeks, usually beginning about the middle of July and ending at the time of the rainy season in September or October. At this time pastures become short and insufficient to maintain a high level of milk production. In some cases the milk flow will decline from 50 to 75 per cent, and when the fall pastures are ready it is a very difficult and expensive process to bring the milk flow back to its normal.

It often happens that the dairyman is not prepared for this period, and now is the time of the year to plan for such emergencies. It is possible to keep up the milk flow by heavy grain feeding, but this seems unnecessarily expensive. There are two other systems that may be practiced more advantageously. One is a modified soiling system and the other is the summer silo. In the soiling system a succession of green crops is grown, which is cut daily, or in case of some crops, every two or three days, hauled and fed to the cattle in the barn or pasture. In irrigated sections this seems to be practical, as it is a comparatively simple matter to grow a succession of green crops. The crops that may be used for such purposes are alfalfa, clover, corn, peas and oats. The chief objection to this procedure is the labor involved.

The plan that is most practical, that does not involve much labor and at the same time is inexpensive, is that which includes silage or the summer silo. No one questions the value of corn silage for feeding all kinds of livestock for winter feeding. It is of the same value for summer feeding. In any section where this midsummer drought exists the farmer should build his silo large enough to enable him to feed uring the entire year or build two smaller silos, one of which may be utilized during the summer. Except on the surface there will be but little silage spoil.

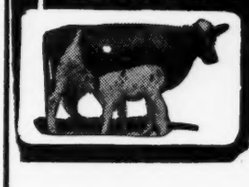
At the Idaho Experiment Station during the summer of 1915 the supply of corn silage was exhausted in May. In July a field of peas and oats was cut for silage and served to tide the herd over the summer, with but a slight decline in milk. It was relished by the cattle. Alfalfa, some cereal crop, or wheat and vetch, may be utilized in like manner.—E. V. Ellington, Idaho Experiment Sation.

Pure Milk Exactions

"Why," asked the woman as she met the milkman at the door, "are you so very late these mornings?"

"Well, mum," he replied, "it's all because of this new pure-milk law. They don't allow us, to have more than 50 million bacteria to the gallon, and you can't imagine how long it takes to count the little devils."—*Country Gentlemen.*

ABORTION IN CATTLE



PREVENTED AND CURED PERMANENTLY
YOUR COWS MADE PROMPT. REGULAR BREEDERS BY
STERILOID

TREATMENT If STERILOID is used at the first sign of abortion the cow will go her full time and have a healthy calf. If your cows or heifers do not come in season, or fail to get with calf, use STERILOID. Cows get with calf after only one treatment. Write today for **FREE BOOK.** It explains the causes and symptoms of Abortion and tells how to cure Abortion, and make your cows regular, healthy breeders with STERILOID. Also contains letters from breeders who have used STERILOID successfully.

GUARANTEE We will refund money in every case when STERILOID FAILS to make good. PRICE $1.00, Mailed Postpaid, in plain wrapper.

Martin Remedy Co. Dept. E, 398-408 Columbus Ave., New York City. Reference—Colonial Bank.

COMING RIGHT ALONG

King Pontiac Canary 78766
Has 38 A. R. O. Daughters

HIS SIRE:
KING OF THE PONTIACS
(Nuff Sed)

HIS DAM:
CANARY HARTOG DE KOL 26.60
(A daughter of Canary Mercedes Alban with 30 A. R. O. daughters)

Maplehurst Farms Lamb & Langworthy
EAST HAMILTON, N. Y.

Pocket Herd Registers

Certificate Envelopes, $1.00 per hundred
Official Test Books, 60 cents each
Pedigrees Printed and Typewritten
Catalogues Carefully Compiled
Headquarters for Sale Management

HOLSTEIN SALES COMPANY
ELGIN - - - - ILLINOIS

225 Head HOLSTEINS 225 Head

Raised in open sheds insures health, vitality and constitution. We are breeders. All animals sound in health, and so guaranteed.

FOUNDATION HERD

Pontiacs, Ormsbys, Pietertjes, Hengervelds, De Kols and Johannas. Every female of milking age has an A. R. O. record; 90% above 20 lbs. up to 33.8 lbs.

Fifty-one cows (35 heifers under 5 years, 19 of them 2-year-olds) average 15,837.9 lbs. of milk and 674.8 lbs. of butter, semi-official test.

KORNDYKE SEGIS JOHANNA

Sire: Johanna McKinley Segis 40 lb., son of King Segis.
Dam: Pontiac Lady Korndyke 38.03; highest record daughter of Pontiac Korndyke.
Average 39 lbs.

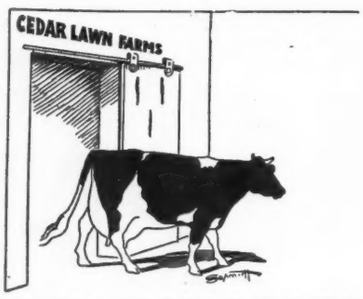
KING PONTIAC CHAMPION

Sire of 37 A. R. O. daughters.
Sired by King of the Pontiacs.
Dam: Maid Mutual De Kol 31.3 lb., daughter of De Kol 2d Mutual Paul.
17 of his daughters with first calf (at an average age of 2 years 5 months 26 days) average 19.01 lbs. of butter.
Sire of Pabst Lulu Lady, 2 years 2 months 849 lbs. butter, 20,002.9 lbs. of milk; 8 others 2-year-olds from 555 to 675 lbs. butter.

MAPLECREST KING DE KOL

Sire: Friend Hengerveld De Kol Butter Boy, sire of Banostine Belle De Kol 1,322.92 lbs. butter in year; has three daughters above 1,200 and four above 1,000 lbs.
Dam: Maplecrest Pontiac Hartog, 20-lb. junior two-year-old. Full sister to Maplecrest Pontiac Flora Hartog 30 lbs. in seven days, 1,232.63 in one year. Daughter of Pontiac Aaggie Korndyke, twelve 30-lb. daughters. Dam's dam Highlawn Hartog De Kol 30 lbs., 1,247.92 lbs. in one year.
Bull Calves, all from high seven-day and yearly record cows, for sale.

PABST STOCK FARM
Oconomowoc Waukesha County Wisconsin



JOHANNA DE KOL VAN BEERS

CEDAR LAWN FARMS

A half brother to Johanna De Kol Van Beers, out of a 17.5-lb. jr. 2-yr.-old daughter of Sir Johanna De Kol 19th, who is full brother to Cedar Lawn De Kol Johanna, 25.8 lbs. in 7 days and 707 lbs. in 1 year at 2 years, 2 mos. Also the Cedar Lawn Beauty, 24.5 lbs. in 7 days at two and one-half years.

This bull was born July 14th, 1914. A good individual, one-half white, and constituting a rare opportunity of getting a herd sire of recognized breeding.

C. A. SCHROEDER & SONS
West Bend, Wis.

KING KORNDYKE PONTIAC LASS

The $10,000 Son of K. P. Pontiac Lass

the only 44-lb. cow from a 34-lb. dam, is now at the head of the
IOWA BELL HERD OF HOLSTEIN-FRIESIANS

If you want a herd sire with unparalleled breeding, send your high record cows to this bull. Here is the greatest opportunity ever put before Corn Belt breeders.
Write me for particulars.

C. S. MULKS **Riceville, Iowa**

Work With the Tractor

In investigating the value of the tractor from the farmer's point of view, specialists of the Department of Agriculture recently obtained from over 400 owners of tractors in Illinois reports as to the number of horses which the tractor had enabled them to do away with in the farm work. The following analysis of about 200 reports from typical corn-belt farms is taken from Farmers' Bulletin 719, "An Economic Study of the Farm Tractor in the Corn Belt:"

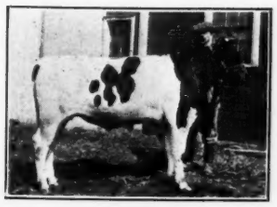
Many men look to the tractor to enable them to do away with the use of horses for farm work, at least in great part. To date, however, the tractor has not displaced horses to the extent commonly expected by purchasers, but its greatest advantage, as before mentioned, lies in the fact that it does the heavy work quickly, and thus completes it within the proper season, since it places at the farmer's command a large amount of power when needed.

The tractor does displace horses to some extent, but only in about two-thirds of the cases where it is used on the same number of acres previously farmed. In these instances the horses displaced average only about four, and represent slightly less than 50 per cent of the cost of the tractor outfit. The number of horses displaced does not appear to vary to any great extent with the size of the outfit, about as many horses being laid off after the purchase of a small outfit as after buying a large one. The number will vary under different conditions, however, the principal influencing factors being the number of acres farmed per horse and the distribution of the work throughout the year. In the corn belt horses are seldom displaced on farms where the average tilled acreage per horse is 30 or more. On the farms in Illinois where horses were displaced by the tractor, one horse had been kept for each 20 acres of tilled land. After the purchase of the tractor one horse was kept for each 30 acres of tilled land, or approximately the same as on farms on which no horses were displaced.

There is much work on most farms for which it is neither practicable nor profitable to use the tractor. This is especially true in the corn belt section, where cultivating frequently requires more power at one time than any other farm operation. Few, if any, tractors, according to reports received, are utilized for such work with entire satisfaction, and it is, therefore, necessary to retain a considerable number of horses after the tractor is bought.

A study of the distribution of horse labor on a typical corn belt farm indicates that the peak load, that is, the greatest amount of work, comes about the end of May, which is the season when corn cultivating is at its height.

On 92 Illinois farms where no change in the acreage was made after the purchase of the tractor, an average of 12 horses per farm had previously been kept. Two hundred and sixty-three horses were displaced on these farms, an average of not quite three horses per farm. On 31, or about one-third, of these farms no horses were laid off.



MODEL KING SEGIS ERICA

Junior Herd Sire at Lakeside

A cross between Glista and Lakeside Model Family. This is the type bred at Lakeside. 28 of his nearest relatives have A. R. O. records which average over 30 lbs.

LAKESIDE MODEL FAMILY

Combines all the most desirable qualities of the breed

Highest Average Butter Records
Average Over 4% Butter Fat
Highest Individuality
Greatest Uniformity
Most Beautiful Markings
Best Shaped and Balanced Udders
Best Show Family

Start your herd right. See for yourself and make no mistake.
Also have Pontiacs, Korndykes, King Segis and other choice families.

E. A. POWELL

904 W. Genesee St. Syracuse, N. Y.

Grand Champion

Grand Champion at the head of your herd means a high standard of individuality in his progeny. The bull I have to offer at only nine months old was awarded the prize of Grand Champion Holstein Bull at Nebraska State Fair 1916.

His sire, Rag Apple Korndyke Boon, No. 123847.

His dam, Fairview Aaggie Wayne Korndyke, a 75 per cent daughter of Pontiac Korndyke.

The average week's production of his dam, his sire's dam and forty near relatives is 31.86 pounds of butter. He is now 14 months old and ready for heavy service.

For photograph, pedigree and price, write

B. B. Davis, Omaha, Neb.

200 Bee Building

Junior Herd Sire
King Korndyke
Sadie Vale 24th

HOME FARM HOLSTEIN FRIESIANS

HOME FARM HERD

ESTABLISHED 1881

Our Senior Sire—Sir Sadie Cornucopia has a new 34 pound daughter—Abba Sadie Cornucopia Cretia, 34.14 at seven years. He has 35 A. R. O. daughters those above 31 pounds and more to follow. We offer a yearling son of Sir Sadie Cornucopia from Beauty Rauwerd Hengerveld 2d—a 23.60 daughter by prince Segis Korndyke out of Beauty Rauwerd Hengerveld a 29 pound duaghter of Pietertje Hengerveld's De Kol. This youngster is a nice individual, more white thanblack. You know this breeding is right. Write for a pedigree and our price upon him.

W. B. BARNEY & SONS, CHAPIN, IOWA

Get Yearly Record Backing

Build for the future and the best interests of the breed.
We can offer you more high yearly record backing than any other firm in the world.

Our herd sires are sons of

Riverside Sadie De Kol Burke, world champion milk producer for 7 and 30 days, 6 mo. and two years.

Aralia De Kol, the first cow to produce 28,000 lb. milk in a year, and the World's Champion 12-year-old.

Tilly Alcartra, the most wonderful milk machine in the World. The World's Champion milk producer over all ages for one year and 3 years. The two nearest dams of this young bull hold every world's record from 7 days to 3 years.

We bred every one of these three sires.

We can offer a large number of young bulls sired by them, from dams with extraordinary year's records. **At our prices** you could well afford to ship one of these youngsters even across the continent. We guarantee **satisfaction.**

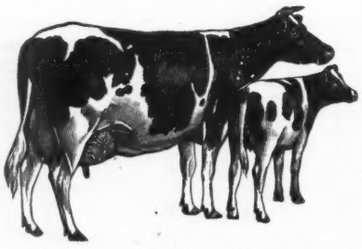
Write us your wants.

A. W. MORRIS & SONS CORP. Woodland Cal.

Attend the Annual Meeting of the Association at Detroit, Michigan, June 7

Join now, if you have not already done so, and come as a member.

Its Objects "To improve the breed of Holstein-Friesian Cattle ascertaining, preserving and disseminating all useful information as to their pedigrees and desirable qualities, the distinguishing charateristics of the best specimens, preparing, publishing and supplying all necessary volumes of the Holstein-Friesian Herd Book and generally for promoting and securing the best interests of importers, breeders and owners of said cattle, and the public generally." Extract from Constitution.



Membership Fee $25.00 Here's growth! In 1871 the pioneers of this Association held a meeting attended by six people. Last year 443 members were present, and 1719 were represented by proxies. The total membership to June 2, 1915 was 7866, an increase of 1366 during the year. Since the annual meeting in June, our membership has continued to grow and they are coming faster than ever. **Let us enroll you.**

The advantages of membership are numerous and are fully described in illustrated printed matter that we will gladly send you. One important item is the saving of 50 per cent in the fees for registering your cattle. Another consists of the prize money, $15,000, that we offer annually as a part of our system of advanced registry of milk records.

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA

BOX 183, BRATTLEBORO, VERMONT

Holstein-Friesian World

VOL. XIII SYRACUSE, N. Y., JUNE 3, 1916 NO. 23

Experimental Work in Canada

By E. S. ARCHIBALD, Dominion Animal Husbandman

Editor's Note—The accompanying account of work at the Central Experimental Farm, Ottawa, Canada, was prepared by Mr. Archibald at the request of the World. The Canadian government is doing an exceptionally broad-minded and intelligent piece of work at these experimental farms and the results obtained are of great value to the Canadian farmers and breeders. We present them because of their evident interest to the Holstein breeders of the United States.

During the months of February and March, 1916, two 3-year-old Holstein heifers have made very creditable records in Record of Merit, as follows:

May Echo Posch (36074) freshened January 31st, calving twins at 3 years, 29 days, and produced:

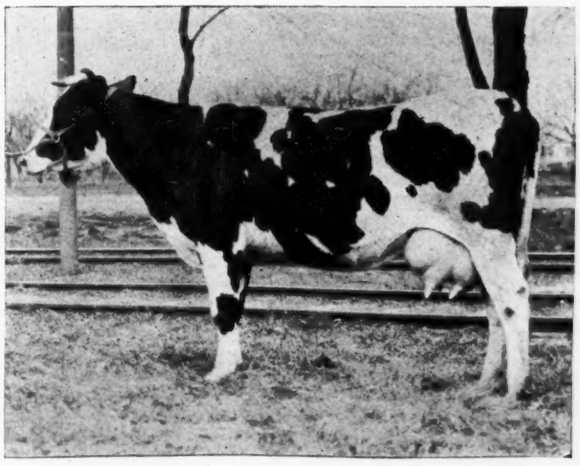
7 days, 671.5 lbs. milk-- 20.342 lbs. fat-- 25.437 lbs. butter
14 days, 1284.5 lbs. milk-- 39.810 lbs. fat-- 49.762 lbs. butter
30 days, 2685.25 lbs. milk-- 83.438 lbs. fat--104.307 lbs. butter
60 days, 4909.25 lbs. milk--158.014 lbs. fat--289.419 lbs. butter
90 days, 7087.75 lbs. milk--231.535 lbs. fat--289.419 lbs. butter

This heifer had previously calved at 2 years, 1 month, 11 days, and produced 15.45 lbs. butter in 7 days, Record of Merit, and 11.863 lbs. milk, 380.8 lbs. fat, Record of Performance. After a short dry period she calved twin bulls weighing 79 lbs. each, only 354 days after first freshening. Although very thin at calving, she easily reached 97½ lbs. milk per day. May Echo Posch is by Dido Count Gerben (9751), the sire also of May Echo Model (36259), who calved at 3 years, 1 month, 20 days, and produced:

7 days, 641.1 lbs. milk—21.13 lbs. fat— 26.42 lbs. butter
14 days, 1289.0 lbs. milk—41.72 lbs. fat— 52.15 lbs. butter
30 days, 2639.9 lbs. milk—86.00 lbs. fat—107.50 lbs. butter

He is also the sire of several other very promising heifers, and is a grandson of the famous bull, De Kol 2d Butter Boy 3rd.

The dam of May Echo Posch is Lawncrest Rosa Posch (13457), with a record also, under favorable conditions after twins, of 19.07 lbs. butter in 7 days as a junior 3-year-old, and in turn a daughter of the great sire, Inka Sylvia Beets Posch (5563), who is a half brother to the Canadian champion 4-year-old heifer, Pet Posch De Kol (38.53 lbs. butter in 7 days), and the sire of some of the most famous Holstein cows in America. One of his daughters, May Echo Sylvia, is Canadian champion cow, all breeds and ages, for 7 days, producing 41 lbs. butter and 937.5 lbs. milk. She has produced 148.75 lbs. milk in one day and holds the world's record for milk from 1 to 120 days. Lawncrest May Echo Posch (33.78 lbs. in 7 days), and Lawncrest May Echo (28.7 lbs. in 7 days), and others, are daughters of this famous sire.



CANAAN BEAUTY 2nd

The dam of Lawncrest Rosa Posch is May Echo Darkness (10332), with a record of 21.67 lbs. butter in 7 days after twins, who, in turn, is a daughter of Sir Inka Darkness Keyes (3287), the sire of the great cow, Lulu Keyes (10333), (785.4 lbs. milk, 36.05 lbs. butter in 7 days; 3191.8 lbs. milk, 144.39 lbs. butter in 30 days), and is out of May Echo Verbelle (5520), (the dam of May Echo Sylvia), the greatest breeding daughter of the famous cow, May Echo. The two latter cows have both produced over 22,000 lbs. milk in 1 year, 100 lbs. milk per day, and average over 30 lbs. butter in 7 days when over 10 years of age.

On the dam's side the six nearest dams of May Echo Posch average 24.36 lbs. butter in 7 days and all records made under unfavorable conditions or when over 10 years of age. An excellent 12-months calf, a son of May Echo Posch, having 46 per cent. the same blood as May Echo Sylvia, is retained in this herd.

Canaan Beauty 2d (21172) freshened February 6, 1916, calving a 100-pound heifer calf, at the age of 3 years, 6 months, 24 days, after producing in the Record of Performance 12.496 lbs. milk, 369 lbs. fat, in 365 days, as a junior 2-year-old. In the Record of Merit, in which she is still running, she has produced over 92 lbs. milk per day and to date has made:

7 days, 606. lbs. milk-- 18.858 lbs. fat-- 23.572 lbs. butter
14 days, 1190.8 lbs. milk-- 36.511 lbs. fat-- 45.638 lbs. butter
30 days, 2472 lbs. milk-- 77.962 lbs. fat-- 97.452 lbs. butter
60 days, 4858.5 lbs. milk--153.539 lbs. fat--191.828 lbs. butter
90 days, 7145.0 lbs. milk--220.019 lbs. fat--275.923 lbs. butter

This heifer on the sire's side is a great-granddaughter of Sara Jewel Hengerveld 3rd (7532), (640 lbs. milk, 30.30 lbs. butter in 7 days, at 5 years, 2 months.) Her dam, Canaan Beauty (8457), was an exceptionally good show cow and great producer, in turn a daughter of Lily's Judge Aakrum De Kol (2484), the sire of many heavy producing cows of excellent type.

At no time during the above 7 days' test did these heifers receive all the roughage of grain which they desired. Both heifers received practically the same ration, which is as follows:

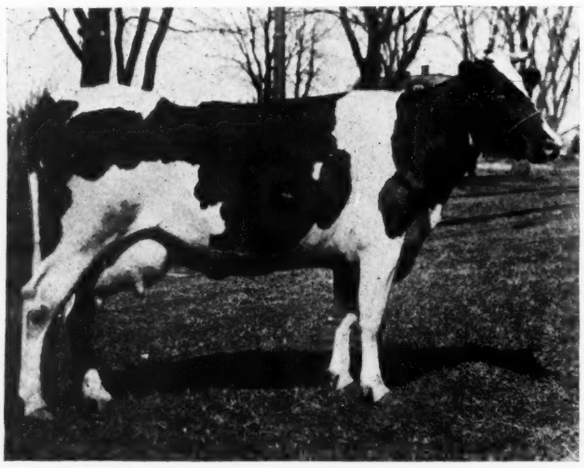
Mixed hay (timothy and clover), 14 lbs. daily. Corn ensilage, 30 lbs. daily. Turnips and carrots alternated, 60 lbs. daily. Meal mixture, 25 lbs. daily. Salt, 2 oz. daily.

The meal mixture was composed of Bran, 700 lbs. Gluten feed (23%), 400 lbs. Cottonseed meal (41%), 200 lbs. Linseed oilcake meal (O. P.), 100 lbs. Ground oats, 200 lbs. Peanut oil meal (40%), 200 lbs.

This mixture is very rich, balancing 1 part digestible protein and 2.3 parts digestible carbohydrates and fat, but gave much better results than other wider mixtures tried. Had better quality hay, such as good alfalfa, been available, undoubtedly a higher percentage of bran and oats with a lower percentage of the more concentrated meals would have given the same results at a lower cost.

The complete ration, including roughages, supplied 7.03 lbs. digestible protein and 30.10 lbs. digestible carbohydrates and fat, i. e., a ratio of 1:4.3.

It is interesting to note that this is the same nutritive ratio, although different feeds, as the ration fed Ormsby Jane Segis Aaggie, the new world's champion cow, all breeds and ages, in butter production for periods from 1 to 120 days.



MAY ECHO POSCH

It is also interesting to note the following:

90 lbs. average cow's milk contains—

79.52 lbs. water
.65 lbs. ash
3.24 lbs. protein
4.41 lbs. carbohydrates
3.26 lbs. fat

Although these heifers producing 92 to 97½ lbs. milk per day did not quite average 3 lbs. fat each per day in their seven-day record, yet they consumed approximately 2.34 lbs. digestible protein and 10.03 lbs. digestible carbohydrates and fat per pound protein or fat produced in milk.

The accompanying photos show these heifers after having milked three months. R. Cunningham, Herdsman, Central Experimental Farm, Ottawa, is the man to whom is largely due the credit of these and other good records made in this herd.

The Big Detroit Sale

Before another issue of the World has left the press, the great sale to be held in Detroit, Michigan, on June 8th and 9th will have been held and we can safely say that all indications are that this sale is to be one of the greatest events that has been known in the breed. It is coming at a particularly opportune time, being co-incident with the meeting of the National Association which is to be held in Detroit on the 7th. Therefore, the attendance will without doubt include a very large representation of the country's Holstein breeders.

It has been the intention of those in charge of the sale to make this stand pre-eminent in the annals of public sales of Holstein-Friesian cattle, and in order that this be true, H. A. Moyer, sale manager, and whose name is known to practically every Holstein man in the country, has been in personal charge of the securing of the entries for this sale. Through his intimate acquaintance and influence he has secured from the foremost breeders of the country selections from the cream of their herds. There is no doubt but what the stock that has been entered in this sale is absolutely the finest collection of pure-bred Holsteins ever brought together in the sale ring at one time for public sale. This becomes more and more apparent now that the pedigrees are completed and it is possible to obtain an accurate line-up of the stock entered.

A final scrutinizing of these pedigrees brings forth the fact that included in the sale are twenty-four 30-lb. cows. Furthermore, there are 41 animals in the sale whose dams have records of from 30 lbs. up, among the latter being a daughter of a 41.88-lb. cow, a son of a 41.81-lb. three-year-old and a son of a 38-lb. three-year-old, these last two bulls mentioned being sons of the two highest record three-year-olds. There are also four other animals whose dams have records above 35 lbs. In many instances the entry of such animals by the breeders is a distinct sacrifice on their part inasmuch as nearly all of them would far rather buy more animals of the type they are selling than to dispose of those that they have entered. They have, however, held their own interests in the background in order that this sale give unrefutable evidence of the leadership of the Holstein breed. To a man who is a raiser of pure-bred stock or who is at all interested in the raising of such stock, this sale affords an opportunity such as never before been offered. Attendance at the sale will in itself be an education to such a man offering an opportunity as it does for a study of the types of the breed that stand as examples of the finest production of the most pre-eminent breeders.

One feature of the sale that is sure to be one of the most interesting of the entire two days will be the Grand Parade which will be held at 9 o'clock on the first morning of sale. This event is one that should by no means be missed by anyone who is planning to be present for the sale, and special emphasis is being laid by the management upon the fact that the parade is to start promptly at 9 o'clock in order that the opening of the sale, promptly at 10 o'clock, be not delayed. In the parade, which is to take place on the race track at the State Fair grounds, where the sale is to be held, may be seen all the exceptionally fine animals that have been entered in the sale including 30-lb. cows and daughters of 30-lb. cows and the sons of the high record dams.

The catalog of the sale will be a book that every Holstein man will wish to keep as a reference volume, containing, at it does, the pedigrees of so many prominent animals. The catalog has been compiled by the Liverpool Sale & Pedigree Co., Inc., whose complete records and facilities for successfully carrying out such an undertaking are unsurpassed.

The auctioneers at the sale are men most widely known in live stock sale circles, those to officiate being Cols. Perry, Haeger, Kelley and Mack, while in the box, S. T. Wood of the Liverpool Sale & Pedigree Co., Inc., widely recognized as a pedigree expert, will officiate.

Standardizing Cream

Many dairymen and milk dealers standardize the cream which they put into general or special trade. Unfortunately all do not thoroughly understand methods of standardizing that will make the operation simple and accurate. It is to the advantage of every dealer to study this question, as it will prevent much loss. A dealer filling a contract for 20 per cent. cream loses money every time an order, containing 22 or 23 per cent. fat, goes out; on the other hand, he is liable to get into trouble and to lose the trade if the fat percentage falls below the guaranteed figure. Most dealers like to have rather heavy cream shipped to them, as they can use it either as heavy cream or cut it down for light cream. The transportation bill is also lower for the same quantity of fat when heavy cream is shipped.

A Feminine Confidence

"I shall never scold my husband again for spending so much time at the club!"

"Tell me about it!"

"Well, last night a burglar got into the house and my husband knocked him senseless with the poker. I've heard several men speak of him as a poker expert. He has evidently been practicing at the club for just such an emergency!"—Judge.

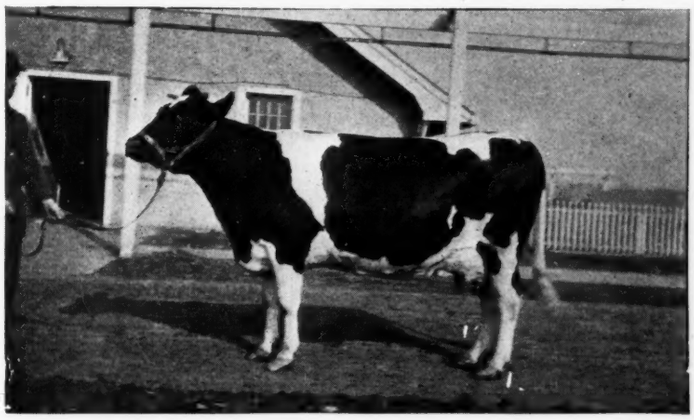
Jolie Topsy Pauline De Kol—A Champion

Permit us to introduce Jolie Topsy Panuline De Kol, (149723), a milk champion. She is the second cow of the breed to produce over 28,000 lbs. of milk while still under full age. Her record stands at 28,416.1 and was completed May 9th, 1916. In her class she beats Irma Gilt Edge Queen 2d, whose production of 26,745.2 lbs. of milk has stood for some time as the record in this class. The only other cow under full age to have produced more than 28,000 lbs. of milk is Forward Somerset Duchess, who in March completed a record of 28,526.1. Forward Somerset Duchess, however, is a junior four-year-old, while Jolie Topsy Pauline De Kol freshened in the senior four-year-old class at the age of 4 years 9 months and 3 days. She is owned by the City of Cleveland and was bred by Geo. W. Wilcox, Mesopotomia, Ohio.

It is of interest to note development in yearly work that has been made in the four-year-old classes. Two yearly records have recently been announced in the junior-four-year old class and the record of Jolie Topsy Pauline De Kol is the second large record hung up in the senior four-year old class. The Milanhurst records are as follows for one year: Milk, 26,429.60; butter, 1,231.29. These records were made in the junior four-year-old class.

Forward Somerset Duchess' records for one year are: Milk, 28,556.1; butter, 1,-016.805.

The Irma Gilt Edge Queen 2d milk figures for one year are, 26,725.3 pounds.



JOLIE TOPSY PAULINE DE KOL

The Milanhurst and Forward Somerset Duchess records were made strictly official for the entire year, while the other two are semi-official records. Leadership for yearly milk production for cows under full age, therefore, goes to Forward Somerset Duchess, a junior four-year-old, with Jolie Topsy Pauline De Kol, a senior four-year-old, as second. Her production is but 140 pounds less than the leader. Irma Gilt Edge Queen 2d is third and Milanhurst is fourth in milk production. Milanhurst leads as a butter producer in the classes, considering these four cows, with Jolie Topsy Pauline De Kol second, Forward Somerset Duchess third and Irma Gilt Edge Queen 2d, fourth.

Jolie Topsy Pauline De Kol had a previous record of 17.23 lbs. of butter from 371.6 lbs. milk, at the age of three years and six months. She started on her world's record May 9th, 1915, at the age of four years, nine months and three days, and a few days later, completed a seven-day official record of 661.1 lbs. of milk and 25.243 lbs. butter. When Topsy started her year's work no hopes were entertained of her making a world's record, consequently she was not run on official test for her first thirty days. The following are her unofficial records during that time:

1 day	115.5 lbs. milk
7 days	791.3 lbs. milk
30 days	3218.2 lbs. milk

All of the above records exceed the deposed champion's productions by a wide margin.

Her production for thirty days is 3218.2 lbs. of milk is 28.1 lbs. more than the wonderful long distance cow, Tilly Alcartra produced for a similar length of time, and which is exceeded by only a very few aged cows.

At the end of eight months' milking, Topsy completed a world's seven-day record of 508.7 lbs. milk and 17.233 lbs. butter fat which is 32.8 lbs. more milk than Irma Gilt Edge Queen 2d, former senior 4-year-old champion produced on her eight months after calving record.

The following is her production month by month:

	Milk	*Butter Fat*	*Day's Run*
May	1980.3	61.191	23
June	3218.3	87.216	53
July	2902.4	78.365	84
August	2682.5	82.085	115
September	2460.4	74.304	145
October	2290.5	66.195	176
November	2112.2	63.155	206
December	2265.4	72.946	237
January	2221.7	73.538	268
February	2021.0	66.693	297
March	2060.5	68.203	328
April	1826.9	71.377	358
May	374.0	14.612	365
Total	28416.1	879.880 (or 1099.75 lbs)	89.9

It will be noted that from January to April there is a gradual decline in the volume of production, and also a slight variation in butter fat. This must be attributed to the important fact of her advanced pregnancy, she having been bred on October 2d, 1915, thus showing that she has been carrying her calf for over seven months. This makes the record exceptional as we know of no other cow of any breed having established a mark under such conditions. We do not hesitate in saying that had she not been bred so early in her test, she would have made over 30,000 lbs. of milk. Jolie Topsy has been a very regular breeder, having dropped three calves and is now carrying the fourth.

The average daily cost of her feed was 51.4c per day, or $187.61 for the year. 28,416.1 lbs. of milk at 23c per gallon will bring $759.96, or a profit of $572.35, over the cost of feed.

The breeding of Jolie Topsy Pauline De Kol is not of very special interest on the dam's side, although her dam, Topsy Pauline (No. 75211), has an A. R. O. of 15.23 lbs. of butter from 387.8 lbs. of milk, and has two other A. R. O. daughters. We find some very interesting data on her sire's side. Her sire, Sir Jolie Johanna 4th, (No. 6890), is a brother to Irma Gilt Edge Queen 2d, whose world's record of 26,745.3 lbs. milk was smashed by Topsy. Sir Jolie Johanna 4th's sire, Sir Jolie Johanna, has fourteen A. R. O. daughters and three A. R. O. sons. His grandsire, Sarcastic Lad (No. 23971), with thirty-four A. R. O. daughters and thirty-three A. R. O. sons, needs no introduction to the breeders of the Holstein.

"Topsy" is in better condition now than she has been at any time throughout the period she was on test. She was never "off feed" and did not require the attention of a veterinarian at any time.

H. E. Bray, who supervises the City Farms of the City of Cleveland is a dairy enthusiast and is naturally proud of the record established on his plant. The farm, containing 2100 acres, is operated by the Welfare Department of the City of Cleveland, of which Lamar T. Beman, the well-known educationalist and writer is director, having supplanted Dr. Cooley. The milk produced on the farm is furnished principally to the City Hospital, Babies' Dispensary and Tuberculosis Hospital, three of the leading institutions in the City of Cleveland.

Commissioner of Agriculture, Charles S. Wilson for the State of New York, has announced that an appropriation of $235,000 is to be provided for payment of claims for diseased cattle and glandered horses slaughtered by the state. All claims submitted and approved in the Department up to March 1st will be paid. This should greatly lessen the hardship which was in some cases suffered by the owner of slaughtered cattle.

A Word from Hornless Holsteins

Keystone Beauty Plum Johanna is at it again Not content with having made a name as a three-year-old for herself and for the famous herd of hornless Holsteins owned by Geo. E. Stevenson & Son of Clark's Summit, Pa. This famous cow has already completed the first half of a strictly official year's test, during which period she has made 14,580.7 lbs. of milk and 578.387 lbs. of fat, equivalent to 722.983 of butter. It will be remembered that this is the cow who as a three-year-old, made 1108.88 lbs. of butter in one year, the youngest cow of the breed to have attained such a record.

In freshening for her present record, Keystone Beauty Plum Johanna, made 32.875 lbs. of butter in seven days, 133.3 lbs. in thirty days and 256.34 in sixty days.

The Stevenson herd is certainly composed of producers. Every animal in the herd at milking age has a seven-day record and the average age for the twenty-nine animals is 4 yrs. 2 mos. 2 days. Their seven-day records average, milk 34.35 lbs., butter 20.05. Twenty-six of the animals have thirty-day records at the average age of 4 yrs. 3 mos. of 1858 lbs. of milk and 83.28 of butter.

All but three of the twenty-nine animals are naturally hornless. Although a small herd it's very high producing qualities are borne by the following seven-day records for each individual will show:

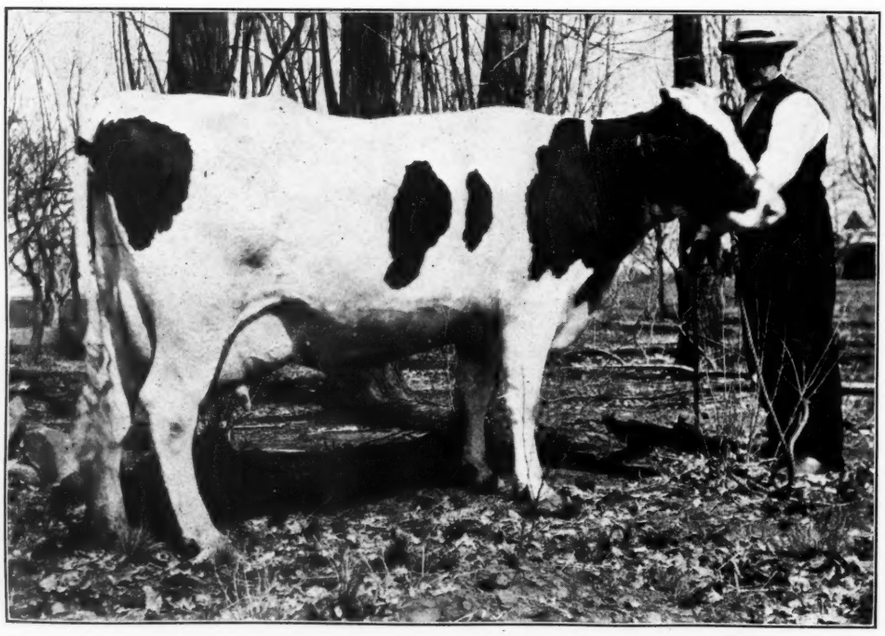
	y.	m.	d.	Milk	Butter
Keystone Beauty Plum Johanna, 161646	4	10	20	665.5	32.875
Plum Johanna Korndyke, 217123	3	3	23	518.4	22.871
Cornucopia Johanna Pietertje, 124243	5	0	0	530.0	17.346
Keystone Plum Johanna, 139786	5	0	0	571.6	29.348
Cornucopia Plum Johanna, 30964	5	0	0	489.6	25.763
Korndyke Tritomia of Bonnie Meade, 152848	5	0	0	536.1	24.013
Korndyke Empress of Bonnie Meade, 152847	5	0	0	475.9	23.378
Korndyke Beauty of Bonnie Meade, 152844	5	0	0	502.7	22.696
Courtland Korndyke De Kol, 152878	5	0	0	426.8	20.581
Daisy June 2d, 126222	5	0	0	440.5	20.245
Daisy June Korndyke, 146364	5	0	0	404.8	18.897
Violet Farm Korndyke Girl, 168470	3	10	20	408.4	18.973
Korndyke De Kol of Bonnie Meade, 152848	5	0	0	451.2	17.918
Korndyke Tritomia of Bonnie Meade 2d, 183458	2	11	26	393.1	16.071
Napol Violet Korndyke	2	5	29	253.2	13.262
Napol Empress Pietje	2	6	7	246.5	11.500
Royal Burke Pet, 175589	3	9	9	601.1	23.291
Imperial Maid De Kol 2d, 179032	3	4	16	380.5	17.190
Maple Lane Maid De Kol 2d, 161890	5	0	0	516.0	23.127
Maple Lane Maid De Kol 3d, 179031	3	5	3	297.6	15.263
Maple Lane Maid De Kol 4th	3	4	13	416.7	18.014
Napol Lane De Kol	2	2	14	258.1	11.681
Napol Johanna Hengerveld, 240418	2	1	14	266.7	13.740
Johanna Abbekerk De Kol Rue, 91820	5	0	0	503.0	21.574
Napol Vale De Kol	3	4	18	426.4	20.433
Ormsby Segis Beets	5	0	0	391.4	18.532
Geneva Hengerveld Pauline, 125805	4	11	4	551.2	23.736
Riverview Johanna Piebe, 109105	4	6	8	472.0	20.025
	120	11	14	12616.1	581.396
Average age of 29 animals	4	2	2		
Average A. R. O. seven-day record				435.0	20.05

The semi-official records of members of this herd are as follows:

	Milk	Butter
Johanna Abbekerk De Kol Rue	15193.1	631.587
Geneva Hengerveld Pauline	17626.4	750.837
Korndyke Tritomia of Bonnie Meade	18997.2	794.600
Courtland Korndyke De Kol	18197.2	825.825
Napol Vale De Kol	15482.8	709.362
Keystone Beauty Plum Johanna	22496.6	1108.88
Plum Johanna Korndyke	13190.3	625.250
Royal Burke Pet	20911.9	836.925
Cornucopia Plum Johanna	19958.6	1056.787
Keystone Plum Johanna	22190.7	1052.962

Seven-Day Records—Eigh Months After Freshening

	y.	m.	d.	Milk	Fat	Butter
Keystone Beauty Plum Johanna	3	3	23	422.8	17.967	22.458
Keystone Plum Johanna	5	0	0	400.5	15.113	18.891
Cornucopia Plum Johanna	5	0	0	310.9	13.528	16.910
Plum Johanna Korndyke	2	0	5	232.7	8.601	10.751
Geneva Hengerveld Pauline	4	11	4	324.7	12.333	15.416
Royal Burke Pet	3	9	9	316.8	10.941	13.675
Napol Vale De Kol	1	10	1	269.3	10.097	12.621
Korndyke Tritomia of Bonnie Meade	5	0	0	340.7	10.960	13.700
Courtland Korndyke De Kol	4	11	22	363.1	13.295	16.618
Johanna Abbekerk De Kol Rue	5	0	0	225.9	7.554	9.442
Korndyke De Kol of Bonnie Meade	5	0	0	370.9	13.168	16.460
				3578.3	133.557	169.942
Average age	4	1	0			
Average 7 day record 8 mo. after freshening				325.3	12.141	15.449



BESSIE PIEBE HOMESTEAD 3rd

One of the consignment of Munroe Co., Spokane, Washington, in the Detroit Sale. She is a daughter of Fobes Tritomia Mutual De Kol and has three years record of over 21 lbs. Her dam is a 21-lb. daughter of Homestead Jr. De Kol.

50 Head **50 Head**

Entire Dispersion of a Show Herd

W. E. Leonard announces the sale of his entire herd on Saturday, June 3rd, 1916, at Norton, Mass.

Seldom is an opportunity afforded to purchase a sister of the King of the Pontiacs and Pontiac Aaggie Korndyke at any price, but this sale presents that chance.

Included in the sale are:

A 3-yr.-old daughter of Pontiac Korndyke, out of a 26-lb. 3-yr-old daughter of King Segis in calf to a 30-lb. bull.

A 27-lb. granddaughter of the noted Hengerveld De Kol, with her yearling twin daughters sired by a son of King of the Pontiacs.

A daughter of Sir Sadie Cornucopia, with a 20½-lb. 3-yr. record, having a sister who just made 34 lbs.

Five daughters of Sir Inka Korndyke Beets, with records from 17 lbs. to 25 lbs.

A daughter of Pietje Ormsby Burke, with a record of 13 lbs. at 1 yr. 11 mo.

Four daughters of Sir Colantha Johanna Lad, with 2-yr.-old records from 12 to 17 lbs.

Nine yearlings from dams with records from 14 lbs. to 27 lbs. in calf to a 33-lb. bull.

This is an entire dispersion sale of individually one of the finest show herds in the country. Every animal in show condition and if you are looking for the best be sure and attend this sale.

Catalogues at Sale **Sale Commences at 10 O'Clock**

For Further Information Address

W. E. Leonard

NORTON, MASS.

50 Head **50 Head**

Feeding Dairy Cattle

By PROF. E. S. SAVAGE

VII. Feeding and Management of Yearlings and Two-Year-Olds

From the standpoint of the best development of the heifer at the least cost, fall-dropped calves are to be preferred. But this is not possible for all calves since it is necessary and wise to control the breeding of the herd so that the milk flow is maintained at about the same rate for the herd through the year. When a farmer can turn out about so much milk per day through the whole year, he can command a better market because of the uniformity of the amount of his product.

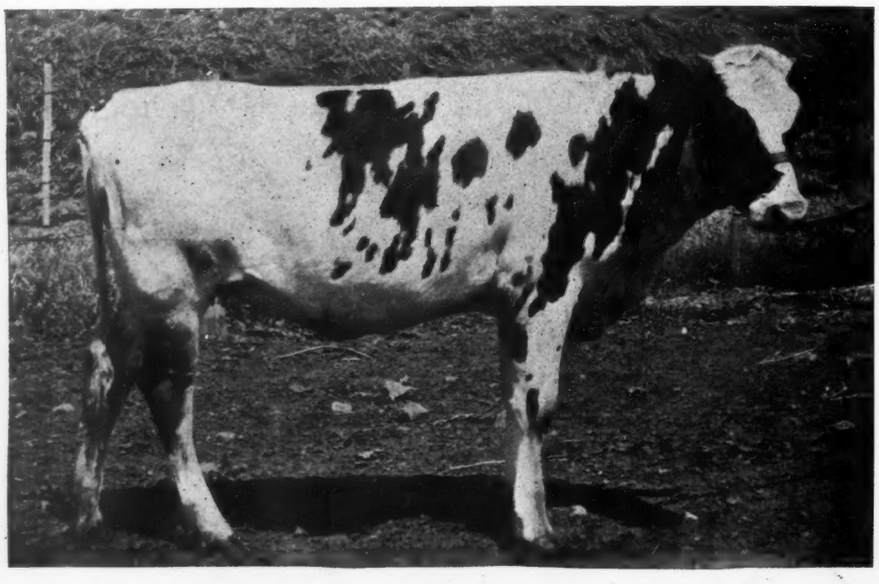
It is not wise to pasture during their first summer, calves dropped after January or February first. Flies bother the young calves too much. Calves that are born before January first seem to stand their first summer on pasture all right and make good gains. Therefore, the cost of raising a heifer dropped during the fall is likely to be less than that of one dropped later because of the greater utilization of pasture. Pasture is very cheap feed any way it is computed unless one has to give a greater valuation than $50 per acre to the land.

If skimmed milk is available it may be used to good advantage until calves are a year or more old, although it is not at all necessary after eight months. It will probably give greater returns fed to younger animals than to those over eight months. When calves or other young stock are on pasture there is no greater pleasure to them than a cool, dark basement into which they may run during the heat of the day and get rid of the flies. If the basement is made rather dark the flies will leave them.

If any of the herd of calves seem a little unthrifty it is a very good thing to arrange matters so that these can have a little grain to supplement the pasture. Of course there are any number of feeds available for this purpose. A mixture that is a favorite one with the author for all young stock is the one already mentioned in feeding calves, 30 pounds hominy, or corn meal; 30 pounds of wheat bran; 30 pounds of ground oats, and 10 pounds of oil meal. If pasture is good perhaps no grain will be needed during the best months. The amount of grain necessary for heifers is about four pounds per day up to the time of calving, of such a mixture as the above. All the good clover hay and silage that she will eat and four to six pounds of grain will keep the heifer in good growing condition and put her in the right shape for dropping her first calf. There are many other feeds and mixtures as good as the one given above. Space will not be taken to give other mixtures. Distillers' dried grains, gluten, cottonseed meal after one year of age, brewers' dried grains, malt sprouts, barley, buckwheat middlings, etc., all make excellent ingredients and may be used for rations for growing stock. Some high protein feed should always be included in the mixture to enable the animal to make satisfactory growth. Experience and observation prove that the animal which grows the most regularly and rapidly during the first two years of her life will make the most satisfactory producer.

Many times it is said that feeding fattening foods is to be avoided and much fat on a heifer is considered wrong by many. It is the writer's impression that there is little danger from getting a heifer too fat. Keep her growing and in good condition all the time. In this paper the amount of grain has been placed at four to six pounds. It seems to the writer that this is a good plan in feeding to feed about the same amount of grain to all the heifers and allow them to fix the total amount of the ration by feeding all the silage and hay that they will eat.

The time at which heifers should be bred is an important point to be considered in the management of heifers. There is a tendency among pure-bred breeders to breed at 20 months of age or even later. A few figures from a good pure-bred herd on this point gives a good reason for early breeding. Thirty-three animals produced their first calf before they were 30 months old. Their two-year record was 6026 pounds. Their three-year record was 6780. Eighteen animals that produced their first calf at 36 months or a little later made an average of 7460 pounds of milk in their third year. The first lot had produced at the end of their third year almost 13,000 pounds of milk against 7500 for the second lot. In later years the second lot did not appear to do any better than the first lot. Until she becomes a milk producer the heifer yields no income. There are four good reasons for breeding early in addition to the above: (1) Constantly recurring periods of heat are as much of a check on the heifer's growth as the development of the foetus. (2) Reproductive organs may become deranged if breeding is put off. (3) The condition of pregnancy has a marked stimulative effect upon the young animal during the first month. The assimulative functions are increased provided the heifer is furnished with an abundance of food. (4) It seems to be easier to develop the milk-secreting capacity when the heifer produces young at an early age. If put off sometimes the heifer shows a tendency towards beefiness. On the whole it seems best to have the heifer drop her first calf at 24 months. In conclusion this paper is a plea for liberal feeding of heifers and early breeding.



BESSIE FOBES PIETERTJE FAYNE

One of the consignment of Munroe Co., Spokane, Washington, in the Detroit sale. A yearling heifer that is a daughter of Finderne Pietertje Fayne. Her dam is the three-times 33-lb. cow, Jessie Fobes Bessie Homestead, the dam's record in this respect never having been equalled.

Who Will Get Him?

What syndicate of breeders, or what great individual breeder is going to own KING CHAMPION RAG APPLE? He is surely the greatest young bull ever sold at public auction. He will earn a fortune for his new owners if given the opportunity. He will be the sensation of the "Greatest" Detroit Sale June 8th and 9th.

JUST THINK OF IT! His dam is the greatest three-year-old, the most wonderful producer, that the world has ever known! Not only has she beaten the former great world record for senior three-year-olds by 5¼ pounds of butter in 7 days, but she has beaten the junior three-year-old record of the great Finderne Holingen Fayne by 4.47 pounds in 7 days.

SHE HAS BEATEN even the junior four-year-old record of the great 40-pound heifer, Mabel Segis Korndyke, by 1.49 pounds of butter in 7 days. She has beaten the great world record of the senior four-year-old heifer, Agatha Pontiac, by 4.91 pounds of butter in 7 days.

SHE HAS BEATEN all the cows in all classes, including the great full aged cows of the world excepting three, and those three are such wonderful producers as Ormsby Jane Segis Aaggie, 44.42; K. P. Pontiac Lass, 44.18, and Valdessa Scott 2d, 41.88.

FURTHERMORE, barring accidents, she is sure to largely increase her record at next freshening, and who will say that she will not be the first 50-pound cow? Think how such a record would increase the value of this wonderful young bull.

BUT THAT'S NOT ALL. Her grandam, Lady May Lytle, is the present Champion of the World for her age and a wonderful old cow of great capacity.

SIX WORLD RECORDS! Remember, there are six world records close up in this pedigree,—three present world records and three former world records, as follows: This young bull's half sister, Fairview Korndyke Pietertje, present champion junior two-year-old of the world, with a record of 30.18.

Lady Pontiac Johanna, his dam, present champion of champions, with her wonderful record of 41.81. His dam's grandam, Lady May Lytle, is present World's Champion for her age, 15 years, 10 months and 20 days, with 25.49 pounds of butter and 467.2 pounds of milk in 7 days.

Then we have Pontiac Lady Korndyke, former Champion of the World over all ages and breeds, which is the dam of RAG APPLE KORNDYKE 8TH, and Pontiac Rag Apple, former Champion of the World as a four-year-old in two divisions, and, above all, his sire,

Rag Apple Korndyke 8th

The Greatest Bull in the World

Oliver Cabana, Jr. - PINE GROVE FARMS - Elma Center, N.Y.

Developing the Dairy Business

By W. E. SKINNER, *Secretary Dairy Council*

The purpose of this meeting is to outline a constructive program for developing practical uniform regulations governing the production and care of dairy products.

It is my duty as temporary chairman of this convention to explain how the issue of the call for this meeting came about. Representatives of the dairy interests, members of the Grange, the officials of the Department of Agriculture met to discuss a bill before Congress covering the matter of interstate shipments of milk and cream. The bill was found to be far-reaching in its effects, and it was the opinion of those at the conference that the bill could be made a basis for national, state, and city regulation that would result in bringing about uniform regulations regarding the production of milk and other dairy products from the cow to the consumer. Added to this was the multitude of regulations differing so much that the producer, on the one hand, was very much dissatisfied, believing that since they differed so widely they could not all be correct, and at the same time receiving little or no pay for additional regulations that were as often changed as new officers or inspectors assumed authority in city governments. The consumer, on the other hand, was complaining that he was paying a high price for necessary articles of diet, which were being criticised as to their purity and wholesomeness, and also meeting antagonism and unwarranted attacks by other industries upon this industry, which brings to the producers of dairy products of this country a billion dollars a year. To this was added the unremunerativeness of the business, together with the questions of legislation in Congress, as well as in the different states, relating to the important changes that are being agitated by those favoring the industry and by those antagonistic to it. Taking these matters, with many others not mentioned, into consideration, it was thought by those parties in close touch with affairs that the dairy interests of this country should be brought together in convention in this city to discuss questions relating to the future development of this great industry. I say this great industry, because on nearly 81% of the farms of this country, according to the census of 1910, there were about 22,000,000 dairy cows. In other words, on nearly 5¼ million farms in this nation dairying is carried on to a greater or less extent. The same census report shows that the value of the dairy products, not including the milk and cream consumed on the farm, amounted to seven hundred millions of dollars, which, if included with the increase up to the present time, it would be safe to say that the business means to the agriculture of this country over a billion dollars.

This is only part of the story. It is universally conceded that to increase fertility some form of animal industry must be practiced. One of these branches is dairying. It is perhaps the best business educator, because the farmer soon learns whether he is doing business at a profit or loss. It gives employment the year round and has a wide adaptation of country. It furnishes the most healthful and most nutritious and the cheapest food products known. It has changed great sections of this country from nonprofitable farming into a prosperous agriculture.

In one of the great dairy states, in the past ten years, the acreage of wheat has decreased 25%, the acreage of corn has increased 73%, and the live stock has increased 20%. As I have said, it furnishes work the year round for every one on the farm, no vacations, and never out of a job.

That all this work is done very cheap can be no better explained than by one who is at the head of the dairy business in one of the great dairy states of the Union, who writes: "The dairyman appreciates that he should receive an income that will pay him a manager's salary as well as the necessary amount to pay running expenses. If it were not, however, for the sale of surplus stock, I fear that the dairy products alone would not enable the farmer to consider his business of diarying a profitable one."

The remedy is for the farmer to look after his own business, and this conference is evidence that the dairy interests intend to do so. But conventions are only meetings to determine policy, and in the past have been, and in the future will continue to be, powerless to help much unless, as the result of this meeting, the dairy interests evolve a constructive and permanent program and unite in a federated plan for its fulfillment. This leads me to express myself in favor of a plan for a permanent headquarters in Washington, not only for the dairy interests, but for all agricultural organizations. Such a federation, supervised and directed by broad-gauged, sincere men, will do more for the solving of these national agricultural issues than can be done by the present long-range method.

The president of a large corporation, who also farms near a large city, called at our office a few days ago and said he was selling milk at eight cents a quart; that it didn't pay him, and that he would like me to tell him how it paid the farmer that was selling it for three cents a quart.

The question raised by this practical, hard-headed, successful business man goes to the very heart of the problem, at the root of all the farmer's problems. The question of how to make farming of any kind pay, speaking generally, is still unanswered. For the farmer it is the riddle of the sphinx, which not to answer is to be destroyed.

The reason we have never had an answer is that the farmer, the dairyman included, has depended on the other fellow to look after his business for him instead of looking after it himself. You know the story of the lion and the lamb lying down together —how happy, and well fed, and contented the lion was in the morning? That is the story of the farmer, with the farmer playing the part of the lamb.

Farmers must federate in this way if they would have control of their own industries. The signs are multiplying that if they don't others will do it for them, with the result that the farmer will be the lamb in another lion-and-lamb story.

(Continued on page 1320)

Auray Farms

For the next month or so will offer an excellent selection of

Splendidly Bred BULL CALVES at Dairy Farmers Prices

GOOD ENOUGH TO HEAD GOOD HERDS.

Must place them quickly as we have 20 cows to calve and need room. $75, $100, $150 and upward, according to dam's record, and A. R. O. backing. Sired by

King Segis Pontiac Clorinda

A strikingly handsome individual, carrying on BOTH sides of his pedigree the same famous Pontiac Korndyke—Hengerveld De Kol cross as King Segis Pontiac Alcartra.

If you want

King Segis King of the Pontiacs

blood at your own price, now is your chance.

Write us your wants and let us make our best offer.

We ship only good individuals, suitable for breeding purposes, bred from three, four and five generations of A. R. O. dams of demonstrated worth—many of them producing members of our herd.

Especially Attractive

Bull calf by our **De Kol 2d Bull** from the first daughter of the **Clorinda Bull**

Auray Clorinda Pontiac 206,526

A. R. O. 7 days 16.20 lbs., 30 days 66.30 lbs., 2d and 3d dams A. R. O. Priced at $125.00

Another by the **Clorinda Bull** from a 15 lb. 2-year daughter of **Mutual Pietertje Paul**, 2d and 3d dams A. R. O. Price $100.00.

Pedigree charts and full information gladly sent on request.

Auray Farms

F. M. AVERY I. M. AVERY Manager

Sparta, Sussex County, N. J.

Two More *Good Records* *for* HINMAN MILKERS

Barn and part of herd of W. H. Sidney, Central Bridge, N. Y.

Mr. W. H. Sidney's Letter -- READ IT

"I have been using the Hinman Milking Machine on my farm for nearly two years; milking with it daily between 30 and 40 cows, most of which are *pure bred Holsteins.* The Herd Sire used is King Korndyke Veeman Hengerveld No. 117208. He is the son of King Segis De Kol Korndyke, No. 56110, who is owned by Quentin McAdam of Utica, N. Y. and W. D. Robens. The official record of the four nearest dams of my herd sire averaged better than 34 1-2 pounds of butter a week. At our price our male calves are in great demand."

W. H. Sidney, Central Bridge, N. Y.

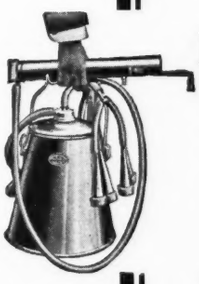
HINMAN The Valve Chamber MILKER

Vacuum in Pail Cover

A simple combination of pump, vacuum is valve chamber in pail cover and teat cups — no pipe lines, no vacuum tank, no vacuum in pail.

Solve the Dairying Problem

because it gives true efficiency; easy to install; easy to keep clean; simple, natural method; simplicity of construction that insures great durability and not only low first cost but low upkeep cost as well.



Fill Out and Mail Coupon Today

and we will send you our beautiful FREE catalog which gives experiences of dairymen milking with Hinman Milkers. Let us quote you approximate cost of an outfit suitable for your particular needs.

WRITE TODAY!

Hinman Milking Machine Co.

ONEIDA, N. Y.

Service Dealers Everywhere

Trade Mark

USE THIS COUPON

HINMAN MILKING MACHINE CO., 25-35 Elizabeth Street, Oneida, N. Y. I milk..... cows that stand in.....rows .....ft. apart. Without obligation to me send Free Catalog and estimate of cost for complete outfit.

Name.....

Address.....

City..... State.....

A FEW LAST FACTS

DETROIT
MICHIGAN
■
June 8th and 9th

ABOUT THE
GREAT
GREATER
GREATEST

OF ALL HOLSTEIN SALES

THE ENTRIES TOTAL 185 HEAD

The greatest collection of Pure-Bred cattle ever gathered together for public sale.

Every entry personally inspected by H. A. Moyer, the sale director, before accepted.

50% of the entire entry list are bred females and they are bred to some of the most famous bulls of the breed. Never before has such a chance been offered to get animals of the most select breeding and in calf to the greatest sires.

The great number of yearling and two-year-old daughters of famous sires is a feature. The list of sires in this sale is a blue book of the breed.

An attendance at this sale will be a post-graduate course in Holstein breeding—no breeder—from an educational standpoint can afford to miss this sale.

Bear in mind that the consignors to this sale are from among the foremost breeders of the land and their selections are out of the cream of their herds.

THE GRAND PARADE

starting at **9 A. M. on the first day** of the sale will be the greatest sight of its kind ever staged. It will be held in front of the Grand Stand and in it will appear all the animals entered in the sale. Don't miss this big event.

NATIONAL HOLSTEIN-FRIESIAN SALE CO.
OF MICHIGAN

H. A. MOYER, Sale Director. **S. T. WOOD, in the box.**

Auctioneers, Col. Haeger, Mack, Perry and Kelley. Catalog compiled by LIVERPOOL SALE & PEDIGREE CO., INC. For catalog of this sale address H. A. Moyer, Syracuse, N. Y.

Some Detroit Consignments

J. A. Fuggle, Cazenovia, N. Y., sells five head. First is the 30.42-lb. cow, Inksper Lady de Haan, her daughter, Inksper Lady de Haan Pontiac, who is sired by King of the Pontiacs Small Hopes, a son of King of the Pontiacs. Another daughter, Insksper Lady de Haan 2d, who is sired by Sulphur Springs King Segis.

There is also a daughter of this last cow born January 24, 1914, and sired by King of the Pontiacs Small Hopes.

And finally there is a daughter of King of the Pontiacs Small Hopes, the dam of this one being a daughter of Sulphur Springs King Segis.

D. H. Hoover, Howell, Michigan, offers a yearling daughter of Beauty Walker Pietertje Prince 2d, the dam being a 28-pound daughter of Lillian Boy.

Also a two-year-old sired by King Pietertje Pet Canary, who is a son of King Pietertje Hartog and a 3-pound dam. The dam of this heifer is a 22-pound granddaughter of Pietertje Hengerveld Mercena De Kol.

Francis M. Jones, Clinton, N. Y., has consigned four daughters and a son of his great bull, Spring Farm Pontiac Cornucopia, better known as the $15,000 bull, a son of K. P. Pontiac Lass, the highest record daughter of King of the Pontiacs. The dam of the young bull to be sold is Oriskany Keys, 31.33 pounds in seven days. He was born March 28, 1915.

One of the daughters is a yearling, the dam being Tweede White Lady, 37.45, seven days, and 1,127.85 pounds in a year.

Another yearling whose dam is a 26.94-pound daughter of Sir Korndyke Cornucopia, her dam a 29-pound daughter of Pontiac Hengerveld Parthenea.

Another yearling whose dam is a 26.25-pound four-year-old.

Another yearling from a 21.87-pound three-year-old and a 27-pound cow.

Last, but not least in this consignment, is Orpha Pontiac, 31.49 pounds at five years. Her sire is Pontiac Hengerveld Parthenea, who is a son of Hengerveld De Kol, and she is bred to Spring Farm Pontiac Cornucopia.

R. Bruce McPherson, Howell, Michigan, offers a 25-39-pound daughter of Prince Sunlight De Kol from a 24-pound daughter of Snowball Mutual Friend.

Also a 20-pound daughter of this last cow sired by a son of Pontiac Butter Boy.

Last, a yearling sired by a son of Colantha Johanna Lad, the dam being a 20-pound granddaughter of Sadie Vale Concordia Paul De Kol 3d.

Edwin K. Munro, Camillus, N. Y., gives you an opportunity to bid on four head, all of them sired by Sir Inks Prilly Segis, a son of Inka Prilly (30.01) and sired by King Segis.

The first of these is a yearling whose dam is a 22-pound graddaughter of Prince Segis Korndyke.

The second is a heifer calf whose dam is a 22-pound daughter of Gorden Glen Handsome Queen, 24.96 as a two-year-old and sired by Prince Hazel Korndyke, the dam a 27-pound granddaughter of Soldene Clothilde Artis.

Percy A. Nye, Pontiac, Michigan, offers Edna Pontiac of Evergreen Lawn, a 19-pound two-year-old.

Agnes De Kol of Evergreen Lawn with 25.14 as a three-year-old Both daughters of Stonybrook Pontiac De Kol, he a son of Pietertje Hengerveld Mercena De Kol.

Minnie Netherland of Royal Oak, a daughter of Pontiac Korndyke Lunde, he a son of Pontiac Korndyke.

Guy Wakefield, Fowlerville, Michigan, will sell a 30.08-pound cow, Princes Vale De Kol Mercedes 2d, sired by Johanna Korndyke De Kol.

Also her heifer calf born December, 1915, is sired by Beauty Walker Pietertje Prince 2d, he a son of Princess Hengerveld De Kol.

Colantha Aaggie Butter Maiden (27.05).

Thomas B. Buell & Son, Union City, Michigan, have consigned only one animal, but she is a cow with 30.21 pounds, she being sired by a son of Hengerveld De Kol and Inka Darkness 2d's Queen, 25.71 pounds at 11 years. The dam is also a grandaughter of Hengerveld De Kol.

W. D. Robens, Poland, N. Y., consigns two daughters and a son of King Korndyke Sadie Vale.

The first son whose dam is a 28-pound daughter of Pansy Veeman Hengerveld (27.01), her dam a 29-pound cow.

The first of the daughters is K. K. S. V. Dora, born December, 1915, her dam being S. V. H. Dora. The other daughter is K. K. S. V. Amy Veeman.

A two-year-old, her dam being a two-year-old daughter of Veeman Hengerveld.

S. V. H. Soldene, a yearling daughter of Sadie Vale Hengerveld, the dam being a 24-pound daughter of Soldene Clothilde Artis.

Last, a yearling daughter of Sadie Vale Sir Ormsby from a 15-pound daughter of a 15-pound cow.

C. H. Thomas, West Ridge, N. H., offers two daughters of King Pontiac Asiatic, he from a 26-pound daughter of Hengerveld De Kol.

The first of these has a two-year-old record of 17.08, her dam being a 22-pound daughter of Colantha Johanna Lad. The other is a two-year-old whose dam has a record of 26.85.

Mr. Thomas' third entry is a 23-pound cow sired by a son of Paul Beets De Kol.

John M. Tobin, Allegan, Michigan, has entered five head.

First, a 31.62-pound cow, Daisy Wadnah, she a daughter of Tom Adorp. Allegan Maplecrest Spotted Aaggie. She is sired by a son of Friend Hengerveld De Kol Butter Boy and a 31-pound dam. Her dam is a daughter of Johanna De Pauline 2d's ad.

Sophia of El Cerito, a 24-pound cow sired by a grandson of Hengerveld De Kol.

A two-year-old daughter of Johanna McKinley Segis.

A four-year-old with a 22-pound three-year-old record. She is sired by a son of Judge Hengerveld De Kol and her dam is a granddaughter of Paul Beets De Kol, also Aaggie Cornucopia Johanna Lad.

A FINAL SUMMARY

OF THE

GREAT

GREATER

GREATEST

DETROIT
MICHIGAN
■
June 8th and 9th

OF ALL HOLSTEIN SALES

This sale takes place the two days following the annual meeting of the Holstein-Friesian Association of America.

These few facts, gathered from the pedigrees after all entries were in and complete, show the wonderful stock to be sold.

24 30-lb. cows.

41 animals have dams with records over 30 lbs.

1 son of a 41-lb. three-year-old.

1 son of a 38-lb. three-year-old.

88% of all animals in the sale have A. R. O. dams.

22% of all animals entered have dams with records of over 30 lbs.

22% more have dams with records of between 25 and 30 lbs.

22% have dams with records between 20 and 25 lbs.

All of the entries, of milking age—have A. R. O. records.

29%+of those of milking age have records that are above 30 lbs.

34%+of all of milking age have records between 25 and 30 lbs.

22%+have records between 20 and 25 lbs., while only 14% fall below 20 lbs., and they are all heifers.

NATIONAL HOLSTEIN-FRIESIAN SALE CO.

OF MICHIGAN

H. A. MOYER, Sale Director. **S. T. WOOD, in the box.**

Auctioneers, Cols. Mack, Haeger, Kelley and Perry. Catalog compiled by LIVERPOOL SALE & PEDIGREE CO., INC. For catalog of this sale address H. A. Moyer, Syracuse, N. Y.

PUBLIC SALE CALENDAR

JUNE 5-6—Brattleboro, Vt., Pure-Bred L. S. S. Company.

JUNE 8-9th—National Holstein-Friesian Sale Co., Detroit, Mich.

JUNE 10—Tenth public sale Michigan Breeders' Consignment Sale Co., Howell, Mich.

JUNE 14—Wayne County Holstein Consignment Co., Belleville, Mich.

JUNE 14—Troy, Pa., York & Few Dispersion.

JUNE 14-15—Columbus Ohio, Liverpool Sale & Pedigree Consignment Sale.

JUNE 15—Troy, Pa., E. A. Hutchins, Consignment Sale.

JUNE 22-23 — Worcester, Mass., New England Breeders.

OCTOBER 12th to 21st—Springfield, Mass., Fasig-Tipton Co.

OCTOBER 25—Howell Sales Company of Livingston County's third annual sale, Howell, Mich.

LOCUS STOCK FARM

Fellow Breeders, Take Notice—A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter of De Kol 2d's Butter Boy 3d with good A. R. O. backings. Eighteen months out. Well marked. Write for photo, pedigree, etc.

C. L. BANKS & SON

New Berlin New York

Fairview Stock Farm Offers For Sale

2 good A. R. O. cows and one of my herd bulls, the two nearest dams average 27 lbs. butter in 7 days. A grand individual. $600 for the three.

A. C. THORSON Baldwin, Wis.

The Breeders Write Us

The Great Field Consignment

Please find enclosed change of our advertisement and we wish to call special attention to the chart which is mentioned in this ad, as we believe it shows one of the greatest groups of producing animals that has ever been brought together in the breeding of one animal.

We are pleased to report that Dutchland Cornucopia Hengerveld 2d in the last 7 days has given 716 lbs. of milk and over 106.4 lbs. her best day and made 31.82 lbs. of butter. She made yesterday 4.44 of fat and it looks like a material increase in the next few days.

We are also pleased to report that a daughter of our Dutchland Sir Pontiac Rag Apple that was unfortunate enough to lose her first calf prematurely has just calved with second calf and has made a little over 29 lbs. of butter.

You doubtless have heard of the granddaughter of Colantha Johanna Lad—Butter Girl Johanna—that at 2 years, 11 months and 19 days made 674.8 lbs. of milk and 26.88 lbs. of butter and in the 30 days over 2804 lbs. of milk and 111.5 lbs. of butter. This heifer milked as high as 102 lbs. in a day and only lacked 2.3 lbs. of averaging 100 lbs. for the 7 days.

The sons of Colantha Johanna Lad are certainly siring some remarkable producers and we trust that the breeders that are desirous of securing these blood lines will grasp the opportunity that we are offering at the Detroit sale, as most breeders are undoubtedly aware that these animals are not on the market at private sale.

Fred F. Field Holstein Company.
Brockton, Mass.

The Greatest Young Bull

When we say that King Champion Rag Apple is "surely the greatest young bull ever sold at public auction" we believe this statement is warranted by the facts.

"Greatest" is a word that must be used to properly describe this wonderful young son of the great Rag Apple Korndyke 8th and the world's champion three-year-old, Lady Pontiac Johanna.

Just think of it. His dam is the first and only three-year-old the world has ever known to make 41.81 pounds of butter in seven days.

Just think of it. His sire, Rag Apple Korndyke 8th, is the first and only bull of the breed to have sired a 30 pound junior two-year-old, and his dam, Pontiac Lady Korndyke 38.03, was that great world's champion, daughter of Pontiac Korndyke.

Just think of it. The average butter production for his dam and sire's dam is within a very small fraction of 40 pounds of butter in seven days, and his dam a junior three-year-old.

Has there ever been led into the sales ring, to your knowledge, a son of a 41 pound three-year-old?

Has there ever been led into the sales ring a bull calf carrying such a

(Continued on page 1316)

Pleasant Hill Herd is consigning some fine ones to the great Detroit Sale.

IT WILL PAY YOU TO BE THERE

1. King Sadie Veeman Hengerveld No. 173242, born December 4, 1915. A large growthy fellow, being very straight, broad and handsomely marked.

Sire:—King Korndyke Sadie Vale, (See Western issue of the World) Dam:—S. V. H. Pansy, a 28 pound 3-year-old daughter of Sir Veeman Hengerveld, who now has 9 daughters above 30 pounds, and the average of his daughters is higher than any other bull having 60 or more A. R. O. daughters. The dam of S. V. H. Pansy has a 27 pound record and her dam has a 28 pound record. Where can you find a better combination of breeding?

S. V. H Pansy is in my herd at present and expect that she will make a large record at next freshening. 2. K. K. S. V. Amy Veeman, a 2-year-old daughter of King Korndyke Sadie Vale now heavy in calf to Sir Veeman Hengerveld. She is three-quarter sister to the large record daughters of King Korndyke Sadie Vale and looks as though she might equal any of them. 3. K. K. S. V. Dora, a daughter of King Korndyke Sadie Vale, and a 24 pound 3-year-old daughter of Sir Veeman Hengerveld. A great show calf, with plenty of breeding. Look her up before the sale.

4. S. V. H. Soldene, a daughter of Sir Veeman Hengerveld in calf to King Korndyke Sadie Vale. This promises to be one of the great daughters of Sir Veeman Hengerveld. One of his daughters has recently made a world's record for milk in the 3-year-old class, eight months after calving. 5. Jennie Vale Ormsby, a daughter of Sadie Vale Sir Ormsby, in calf to King Korndyke Sadie Vale, one of the good ones.

W. D. ROBENS POLAND, N. Y.

A Sale of Pure-Bred Holsteins

To be held at COLUMBUS, O. June 14-15

A two day sale of high-class stock from some of the best herds of Ohio, and every animal in the sale over six months of age will be tuberculin tested.

Among the consignors are J. J. Halliday, Delaware, Ohio; O. P. Nuetzel, Marysville, Ohio; Frank Ruhlen, Plain City, Ohio; Frank M. Rupprecht, Marysville, Ohio; L. P. Rupright, Marysville, Ohio; Philip Rupright, Marysville, Ohio; H. A. Voegele, Galion, Ohio; J. W. Scott, Hudson, Ohio; Chandler & Renner, Sharon Center, Ohio; Howard Murray, Catawba, Ohio, and Houston & Waterman, London, Ohio.

A feautre of the sale will be a herd of 50 head consigned by Houston & Waterman, every animal sound and right, with the exception of two three-quarter cows, and these two are milking over 50 lbs. each a day. Included in this herd is the fine young bull, Fairview Korndyke Nig De Kol, who is sired by Rag Apple Korndyke 8th from Palermo Belle De Kol, a 23-lb. three-year-old daughter of Woodcrest Nig De Kol, one of the best transmitting sons of Hengerveld De Kol and Allie Nig, a 25-lb. daughter of Pearl of the Dairy's Joe De Kol. He is being sold together with seven of his daughters and five of his sons; also there are in the sale eight animals bred to him.

There are also twelve animals bred to Fairview Korndyke Beauty, as well as four of his offspring—two heifers and two bull calves. Fairview Korndyke Beauty is a son of the $25,000 bull, Rag Apple Korndyke 8th, sire of the only 30-lb. two-year-old and a son of Rag Apple Korndyke and the former world's Champion seven- and thirty-day butter producer, Pontiac Lady Korndyke. The dam produced over 20 lbs. butter in 7 days as a two-year-old from 480.5 lbs. milk. She is by the great Pontiac Korndyke, from a daughter of Beauty Pietertje Butter King, he from the noted producer, Beauty Pietertje. He represents a splendid combination of breeding.

Another feature will be the fine herd sire, Sir Jamaica Woodcrest, who already has six good A. R. O. daughters. His sire is a good son of Homestead Girl Sarcastic Lad, while his dam is a 30-lb. three-year-old granddaughter of De Kol 2d's Butter Boy 3d. This bull with seven of his daughters are entered in the sale. This is a mighty good opportunity.

▼

FOR PARTICULARS ADDRESS

Liverpool Sale & Pedigree Co., Inc.

SALE MANAGERS

LIVERPOOL - NEW YORK

A Complete Dispersal Sale of a Great Herd

By the Chas. J. Welch Estate

105 -- REGISTERED HOLSTEINS -- 105

85 Females 20 Males

Los Banos, Calif., June 28, 1916

On account of a closing up of an estate their fine herd that has been kept practically intact for 14 years is offered for sale on the above date. It is one of the oldest, best and most favorably known herds on the coast, and although no official testing has been ever done on the farm, animals that have occasionally been sold and animals of similar breeding have made large records in other herds. The way is open for you to make money by purchasing some of the real dairy cows to be found in this herd and developing them.

A feature will be the sale of King Segis Wayne Pontiac—a son of the great King Segis Pontiac and Elsie Veeman Wayne—30.92 lb. 4-year-old daughter of Sir Veeman Hengervelde and a 26-lb. dam. A royal chance to secure a brother to the $50,000 bull at your own price. He is nearly two years old, about seven-eighths white and a splendid individual, about 20 females are bred to him.

Catalogs ready about June 12th. Write for one.

JAS. W. McALISTER, Jr., Chino, Cal.
Sales Manager

COL. BEN. A. RHOADES, Los Angeles, Cal.
Auctioneer

NORTH STAR HERD

offers a bull calf sired by Johanna Bonheur Champion and out of a dam with a record of 29.58 lbs. in 7 days and 123.25 lbs. in 30 days. Calf is a splendid individual and he is a credit to this herd, which is noted for three things,

INDIVIDUALITY PRODUCTION BREEDING

If you are interested in getting a good calf quickly write at once.

W. S. MOSCRIP - - - - - - - - Lake Elmo, Minnesota

You are evidently not the man who said he would try anything once

Because we have been applying to you for some time to let us place a bull at the head of your herd WITHOUT YOUR INVESTING A DOLLAR. You may be able to do without us, but undoubtedly you could do better with us if you place a son of the great "BEACH SEGIS PONTIAC" with you to be your own. Write for our proposition before it is too late.

BEACH & WIRT Battle Creek, Michigan

A Letter on the Irwin Plan

Editor World, Sir:

The article about the 305-day test should be discussed, I believe. I am heartily in favor of a 305-day test for cows that drop a calf within a period of 90 days after the close of the 305-day test, but I don't see any advantage in a 305-day test open to cows that may not be bred at all at close of test. How can you compare records unless cows are carrying a calf nearly the same length of time? Would it be fair to let breeders compete in a 305-day test with cows that were not bred until near the close of the ten-months test with breeders who expect a calf every year as well as a normal year's work?

If a breeder enters a cow in semi-official test and fails to get her bred to freshen 90 days after close of 305-day test he could test her the full 365 days, but I think he should be barred from competing in 305-day test. G. H. C.

Wisconsin.

For an editorial opinion upon this matter we refer our correspondent to the World of May 13, in which Mr. Colby discusses Mr. Irwin's proposal.

SERVICE DEPARTMENT

This department is conducted by Professor Savage for those who desire to ask questions concerning his articles. This service is free to all and they are urged to send in their feeding problems for discussion. We believe that such a department as we plan will prove to be one of our most valuable features.

I read with deep interest what you say in the HOLSTEIN-FRIESIAN WORLD. A year ago last December we lost our milk stock with foot and mouth disease. Am making an effort to raise stock. We have some one year old and some born last October. They are in fine condition now. When we turn them in pasture I want to put them in stanchions and feed them some again. Do not know what grain would be best. If you can help us out it will be appreciated. I have read that oil meal is not very good with grass. We buy all our grain. 2nd. Would like a grain ration for cows on pasture, milk stock. I can make good the first year with calves but the second year they do not do as well as I want them to.

New York. J. S. & SON.

(1) The grain mixture that I would advise this summer for young stock on pasture is as follows:

100 lbs. ground oats
100 lbs. wheat bran
100 lbs. gluten feed
100 lbs. hominy

Of this mixture I would advise two to six pounds per day per head, according to the condition of the pasture.

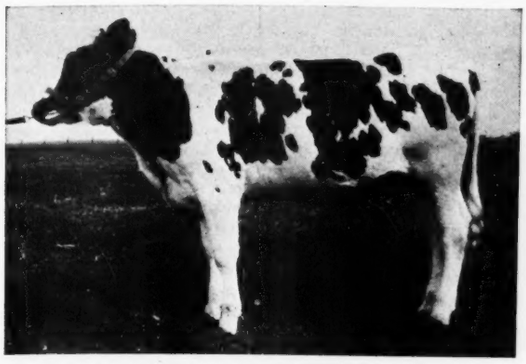
(2) I suggest the following mixture for your dairy herd:

500 lbs. hominy
500 lbs. distillers' dried grains
500 lbs. wheat bran
300 lbs. gluten feed
200 lbs. oil meal

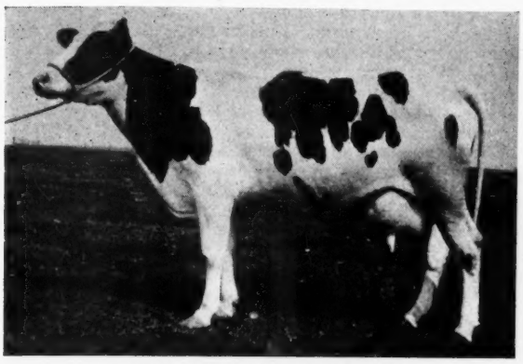
In the issue of the WORLD under date of March 11th you have a feed ration including cottonseed, distillers' grains, etc., in which you take less than 500 lbs. mixed feed, there being so many mixed feeds the addition of one or other is liable to influence the feed either way. Will you kindly advise me what particular mixed feed you had in mind in this ration.

Pennsylvania. H. E. S.

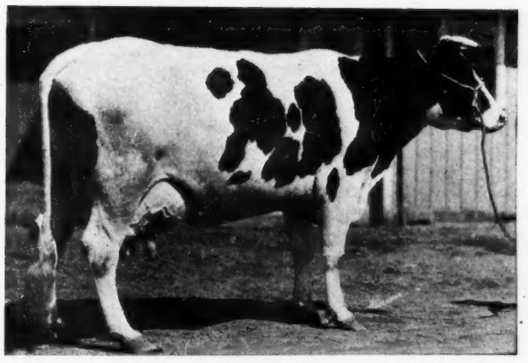
Mixed feed is the technical name for the wheat by-product, which is made up of a mixture of bran, middlings and low grade flours that arise in the milling of wheat for flour for human consumption. It would probably have been better if I had said "wheat-mixed feed."



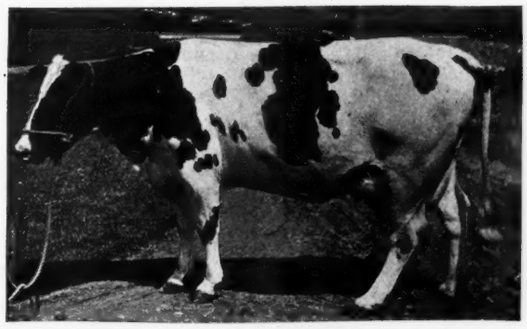
CARLOTTA FAYNE JOHANNA



PIETERTJE FAYNE JOHANNA
Dam of Carlotta Fayne Johanna. She has record of 27.25 lbs. at 2½ years.



SEGIS FAYNE JOHANNA
Grandam of Carlotta Fayne Johanna. She made 35.30 lbs. at 6 years; 31.89 lbs. at 5 years; 30.66 lbs. at 3 years.



VIKINA JOHANNA
Great grandam of Carlotta Fayne Johanna. She has a record of 26.32 lbs.

A FEATURE

of My Consignment to the Detroit Sale is

Carlotta Fayne Johanna

I have been contributing Holstein cattle to sales in different parts of the country for the past 20 years, and have sold some very choice Holsteins, but I believe this heifer is one of the very best females for her age that has ever been produced. I would not part with her but I promised President Aitken and Mr. Moyer that I would put something good in the Detroit Sale. I have never bred one that I think has as a great a future before her as this one. She is an excellent individual and is bred right.

The sire is a son of the great King of the Pontiacs and Pontiac Soldene, one of the very best producing daughters of Hengerveld De Kol, who was long known as the "premier" sire.

The dam is a wonderful producer, having recently completed a record of over 27 lbs. butter in seven days as a two-year-old. She is by a son of Beauty Pietertje Prince and Marion Walker Pietertje from the famous three times 30-lb. cow, Segis Fayne Johanna, who unites in the closest degree the blood of King Fayne Segis and Johanna Rue 3d's Lad, two of the greatest transmitting sires that ever lived.

Just study her breeding and note the bull to whom she is bred, then consider what she would be worth to you.

Bred to King Hengerveld Johanna Korndyke.

The Rest of My Consignment

Quoque Boon 2d King Beryl—7 days, 30.43 lbs. (record not yet reported); milk, 484.00 lbs. Her sire has four A. R. O. daughters—three of them with records over 30 lbs.

Two of her daughters—one of them a yearling who will be bred to King Hengerveld Johanna Korndyke. She is by a son of Tidy Abbekerk Prince. The other is a March calf sired by a son of King Hengerveld Aaggie Fayne and a 36.87-lb. daughter of Johanna Rue 3d's Lad.

A four-year-old daughter of King Johanna Segis with a three-year-old record of 20.69. She will be bred to King Hengerveld Johanna Korndyke.

A four-year-old daughter of King Johanna Segis with a three-year-old record of 25.46 lbs.

A 20-lb. two-year-old daughter of Mercedes Johanna Colantha Rue.

A yearling daughter of King of the Pontiacs from a 26-lb. daughter of De Kol Clothilde Artis and bred to King Hengerveld Johanna Korndyke.

A yearling daughter of Beauty Walker Pietertje Prince.

Her sire's dam and dam's dam are both 31-lb. cows, while her dam has 25.36 lbs.

I Am Proud of This Consignment

A. A. CORTELYOU

SOMERVILLE NEW JERSEY

WORTHY OF THE BREED

Entered at the Syracuse, (N. Y.) Postoffice as second class mail matter.
Issued on alternate Saturdays from Syracuse, N. Y., and Waterloo, Iowa.

HOLSTEIN-FRIESIAN WORLD CO., Publishers

Editor Eastern Edition - - - - - - - - - F. T. PRICE
Editor Western Edition - - - - - - - - - H. E. COLBY

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Advertising rates on application.

The date following the address on the wrapper of each paper indicates the time to which subscription is paid, and is to answer the purpose of a receipt.

Offices of publication, Syracuse, N. Y., and Waterloo, Iowa.

Approved cuts of meritorious Holstein-Freisian animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

All matter for publication in the Eastern Edition must be received ten days preceding date of issue.

When so desired, advertising copy will be prepared or revised for our customers free of charge.

We cannot undertake to furnish regularly any back numbers, but as long as our supply lasts they may be had for ten cents the copy.

Address all correspondence for the Eastern Edition to Syracuse, N. Y.

Why The Association Succeeded

THE Holstein-Friesian Association has succeeded for two reasons. First, it is built around the greatest dairying machine the world ever has or will see—the Holstein-Friesian cow. The Holstein-Friesian cow can earn her way and while doing it teach all the others how, from Maine to California. She is equally at home on the rocky hillsides of New England or the luscious pasture lands of the Pacific Coast. True it is that she cannot be readily mailed from one address to another, nor does she give indifferent quantities of very rich and very highly indigestible cream. She gives plain, wholesome milk, and enough of it so that plenty of cream may be obtained to make more butter than other sadder, and now wiser, cows produce. It is nothing more or less than slander when a statement is made that the dollar can be seen in the bottom of the can of Holstein milk, but that the dollars are in that milk, many of us have discovered long since. We instance eight 40-lb. per week cows, world's record in every division for weekly and yearly production and other honors too numerous to mention. Incidentally to perpetuate her species, the Holstein cow has a very distressing habit, for her enemies, of producing other embryo Holstein cows annually for the further edification of breeds that do not reproduce quite so proficiently.

And the second reason for the success of the Association is—men, the men at the helm. From the peculiar characteristic of a record association, the human element is a very necessary and a very present factor. Mr. Colby, in last week's World, put it rather well when he said "the 40-lb. cow would never have been possible had it not been for the development of the pedigree association"—so that man played his part here just as he has in all world advancement. The 40-lb. cow did not grow. She was developed.

Integrity plays the most important part in the development of a Pedigree or Record Association. The system of record making depends upon the individual honesty of the man behind the cow and the Association behind the man must have big, broad, intelligent, progressive and independent, as well as honest and fearless men to insure its success. There is nothing of greater importance for the success of a Record Association than officials of this stamp and an easy and at the same time a forceful and truthful way to pay tribute to the officials of the Holstein-Friesian Association of America is to point to its success. Built upon honor by honorable men, it stands to-day supreme among cattle associations.

The combination of good cattle, better care and best men has proven irresistible.

June—what wonders thy beauty unfold to the discerning eye. Poets have sung thy praises in idyllic verse. Orators have thundered to thy honor in heroic prose. Thy charms have been caught upon undying canvass by masters at the easel. Thy wonderful portraits have been imprisoned by the camera and treasured for aye in the records of thy humble admirers—all mankind.

There is nothing so rare as a June day—nor so beautiful. Picture green wooded spots as a background, a soft velvety carpet before and through it, singing musically as it runs, the little stream. Dot this greensward with noble **Black** and **White** cattle and the eye has a picture whose rare, substantial and true beauty canvass and camera cannot catch nor mere words paint.

Get All That's Coming

THE beginner in Holstein breeding welcomes advice on matters pertaining to the subject. He shows his wisdom here just as he did in the selection of a breed for profit. Authoritative articles on breeding operations appearing in the trade publications should be preserved by the keeping of complete files of these papers. Other articles bearing upon this topic appear often in general dairy and farm papers. Many of these are reproduced in the trade publications and many are overlooked through lack of space. The beginner should keep clippings of these in a scrap book for reference.

Then there is the literature of the association itself. The Literary Committee puts out literature containing valuable statistics regarding the breed. In it are many helpful suggestions. The Secretary's office also publishes many circulars of great help, among which are the following: "Preparing applications for transfer," "Color markings that bar registration", "Instructions for keeping individual herd records", "Rules for naming", "Instructions on general registration".

These circulars are free and Secretary Houghton will be glad to send them to an applicant. Get your share.

Field Notes

Mr. Colby wires us that he would like to correct an inadvertent error which crept into the Detroit special issue of May 27th. The explanation of the cut of Burtondale Segis Pietertje, appearing on page 1212, was in error, as it read that she was a 51.5-lb. senior two-year-old. The figures should have read 21.5. Mr. Colby advises us that the 50-lb. heifer has not yet arrived and that the proofreader saw double and then some when correcting this page. We gladly apologize for Mr. Colby to Burtondale Segis Pietertje, although she should feel rather proud of the error made in her behalf.

Three directorates in the association are to be filled this year. A. A. Cortelyou of Somerville, New Jersey, John B. Irwin of Minneapolis, Minn., and G. A. Dimoc of Kalamazoo, Mich., whose sad death was chronicled recently, are the three directors whose places must be filled. The office of Vice-President, elected annually, is vacant by the death of Dr. H. B. Favill of Chicago.

Are you going to the annual meeting? If not, give one logical reason why you, as a Holstein breeder, should not attend the meeting and the two days' sale that accompanies it and we will forgive you. The educational value of the meeting and the sale cannot be overlooked by the beginner. The opportunity to rub elbows with the veterans in the game is not often given.

The New York State Holstein-Friesian Breeders' Club will hold a special meeting at Syracuse on Friday, June 2nd, at 12:30 at the city club. This meeting is called for the discussion of matters pertaining to the annual meeting next week at Detroit. Meetings of this club and incidentally of every other Holstein club, are of the utmost importance to their members. They should be attended with unfailing regularity, as those who fail in this regard miss a great deal. And besides being a matter of help to those attending, it is a courtesy to the officials who provide such valuable programmes as have been put on by many community Holstein clubs.

We are advised by F. F. Resseguie that the sale scheduled by the Norteastern Pennsylvania Holstein Breeders' Club for June 1st and 2nd has been cancelled and we are asked to notify readers of the World of this effect.

A new dairy corporation is being formed in California, known as the Stanislaus Dairy Farms Company, with city offices in San Francisco. It is to be the largest dairy in the state of California, having five hundred cows in a grade dairy and one hundred head of pure bred Holstein-Friesians in the breeding stables. There will be nine hundred acres under alfalfa, irrigated by gravity.

John A. Smith of Crown Point, Indiana, announces a Holstein sale of forty-five head to be held early in September. Mr. Smith writes that a separate date will be assigned for this sale later.

The Cover Illustration

This week's cover carries the cut of Vanderkamp Segis De Kol, a 30.59-pound junior three-year-old daughter of Judge Segis, herd sire at Vanderkamp Farms owned by F. C. Soule & Sons, of Syracuse. Judge Segis is the only bull in the World at his age to have a thirty pound three-year-old daughter. He is but 5 years old. In addition he is the sire of Vanderkamp Segis Eva, the 21 pound yearling, whose photo is shown on page 1298. Vanderkamp Farms' herd is one of the good ones of Central New York and one of the comers. Judge Segis is a son of King Segis out of Gypsy Hengerveld, and is in addition to being a very fine individual, showing every promise of becoming one of the breed's most valuable sires through his progeny.

Test 'em for a week
Test 'em for a year—
Test 'em semi-annually
Take your choice here.

Some like 'em long
Others rise to say
Can't afford to crowd the cow
Stop the 7th day."

Argue and dispute,
Cows are not the same.
Give your cow a record, sure,
It may lead to fame.

Are you prepared to swat the fly? Then avoid this job by preventing it.

Greetings from Detroit

To the Members of the Holstein-Friesian Association of America:

Greeting:

On behalf of the officials and citizens, it is my privilege and pleasure to extend to the members of the Holstein-Friesian Association a most cordial welcome to the City of Detroit.

I trust that those of you who are shortly to be in attendance at your convention may carry away with you many happy recollections of Detroit, its citizens and its wholesome hospitality.

CITY OF DETROIT,
Oscar B. Marx, Mayor.

Detroit, Michigan, May 25, 1916.

Selling a California Herd

A complete dispersion sale of one of the oldest and best herds of Holsteins on the coast will occur on Wednesday, June 28th, 1916. I refer to the dispersal sale of the famous Charles J. Welch herd. This herd has been kept practically intact for fourteen years and buyers are being offered a rare opportunity to make selections from a herd that has required fourteen years of conscientious effort, great labor and considerable expense to bring up to its high state of efficiency.

It was in 1902 that Charles J. Welch, a lover of fine cattle, made his first purchase of Holstein cattle from R. M. Hotaling, a wealthy San Francisco capitalist, who some years previous brought into this state one of the finest shipments of Holstein cattle that ever crossed its border. Numbers of the pick of this fine shipment were sold to Mr. Welch, others going into herds later owned by Mrs. Holdridge of Modesto and Messrs. Guerin of Visalia and Hall of San Jose, and in whose hands some remarkable records of better than 30 lbs. of butter in seven days were made by their descendants. Since Mr. Welch's death two years ago the breeding operations of the herd have been successfully carried on by Mrs. Welch, ably assisted by Frank B. Stetson, a son of a Holstein pioneer of the early California days and to-day I believe the herd is in better condition that ever before. Unfortunately for the owners, but fortunately for the buyer, no official testing has ever been done on the farm. I say "fortunately for the buyer" because they will be able to secure at real bargain prices cattle which will make large official records if given a chance and will not have to pay fancy prices for official records which they can at little expense and little trouble make themselves.

Mr. Welch in choosing his herd sires had in mind production combined with individuality and uniformity of color markings and we find today a large number of daughters of the grand old sire Lad Legend of Kakenstein, a grandson of Sarcastic Lad, grand champion at the St. Louis World's Fair and rich in the blood of Colantha 4th's Johanna, who has a record of 35.22 lbs. butter in seven days and 1247 lbs. in one year, both world's records when made. The senior herd sire, still young and a splendid individual, is Lord Snowflake of Cope de Oro, a son of Lad Legend of Kakenstein and Tuebie Snowflake, a show cow in every respect and a sister to a 27 lb. cow that recently sold for $825 at public auction. One of his daughters sold at the Sacramento Sale for $500. A young sire of great promise purchased shortly before Mr. Welch's death and who is the sire of twenty-eight daughters to be sold is Tirzah La Polka Pietertje Lad, a grandson of De Kol Queen La Polka 2d, the only cow of the breed to milk over 800 lbs. milk in seven days in three different lactation periods.

A feature of this sale will be the sale of King Segis Wayne Pontiac, a son of the great King Segis Pontiac and Elsie Veeman Wayne, a 30.92 four-year-old daughter of Sir Veeman Hengerveld and a 26 lb. dam. He is nearly two years old, about seven-eighths white and a splendid individual. His first two dams average over 34 lbs. butter in seven days and his first three dams average over 31 lbs. butter in seven days. About twenty females will be bred to him. Everything considered this should be a great sale of a great herd and buyers should not overlook this opportunity to introduce into their herds some of these choice animals which would improve the best herds on the Coast.

Chino, Cal. J. W. McAlister, Jr.

The Detroit Special Facts About It

¶ Paper used—75,000 sheets 25x38—70 lb. enameline weighing 10,500 lbs., or five and one-fourth tons.

¶ 75,000 impressions were required to print this edition.

¶ The World of May 27th carried 17,402 agate lines of paid advertising, or forty-one and one-half pages.

¶ There were in it five full page illustrations and over forty half tone text illustrations.

¶ Seven special articles on practically every topic of interest to Holstein men.

¶ And—well, look it up and over. If you didn't get this number, it's your own fault. A dollar will put you in touch with this brand of Holstein literature for a year—or you may send it to a friend.

Holstein-Friesian World

Syracuse, New York **Waterloo, Iowa**

Both Rather Live Holstein Centers

CHARLES A. SMITH'S BALED SHAVINGS
Mills: North, East South, and West

BEST FOR BEDDING
Economical, Sanitary
Soft Wood, Comfortable
Prevents
Toxigenic Bacteria

CHARLES A. SMITH BALED SHAVINGS
BUFFALO BRAND
ARE WHITE PINE
29 B'WAY N.Y.

SHIPPED DIRECT
from the Mill to you
Low Prices Astonishing
The Larger Bale
The Cheaper Price

Only Sales Office, 29 BROADWAY, NEW YORK

COLIC CAN BE PREVENTED

And it is being every summer by feeders who include in the regular ration Xtra-Vim Molasses Feed.

Overfeeding, colic, dangerous gases, indigestion and "out of condition" stock cost the farmer, dairyman and breeder of high-grade stock, tens of thousands of dollars annually. Much of this could be saved if the ordinary ration included Xtra-Vim Feed, because Xtra-Vim keeps a cow in a healthy condition right through hot weather.

THE COLIC SEASON

Is here and it will save you dollars, as well as cows, to look into the value of Xtra-Vim.

XTRA-VIM FEED

We have a Feed Book that gives you much valuable information. A postal card from you brings it by return mail.

Xtra-Vim Molasses Feed Co.
173-W Milk Street, Boston

Mr. Carleton's Death

Our Holstein-Friesian Association has indeed lost heavily during the past winter in the number and the personnel of its members.

Our esteemed neighbor, counselor and friend, Frank H. Carleton of Minneapolis, passed away very suddenly February 1st after a minor operation that at first seemed successful.

Mr. Carleton has watched and influenced in a marked degree the development of the city of Minneapolis, having been actively interested in many of its leading industries for more than forty years.

A few years ago he selected some foundation Holsteins and started a fine herd at his beautiful summer home and farm at River Falls, Wis.

He was thoroughly interested in everything pertaining to Holsteins, was an enthusiastic member of our Minnesota Holstein Breeders' Association, and looked forward with especial interest to the time when our annual meeting of the national association would come to Minneapolis.

Mrs. Carleton has joined our association, and with the assistance of the sons will carry on the herd so that what has been accomplished in building up the herd will not be lost.

Mr. Carleton was a prominent attorney of Minneapolis, and his breadth of vision regarding the possibilities of Minnesota has been of inestimable value in planning the state's development in dairy and other lines, so that his loss will be deeply felt as a counselor and also as a sincere and inspiring friend.—John B. Irwin.

Buy the Whole Family

at the Detroit Sale, June 8th and 9th

A 31-lb. daughter of a 30-lb. cow; her three beautiful daughters, and her three equally as beautiful granddaughters. Seven head in all, includes every female of the family.

HERE THEY ARE:

Princess of Oakdale 2d, 31.30 lbs. of butter from 536.5 lbs. of milk, per cent, 4.66. (Daughter of Princess of Oakdale, butter 30.59 lbs.) Her three-year-old daughter, who at three years and two months, made 25.69 lbs. of butter from 443.8 lbs. of milk, per cent, 4.63. Her two-year-old daughter, who at two years and two months, made 19.78 lbs. of butter from 325.1 lbs. of milk, per cent, 4.86. And her youngest daughter, born December 10, 1915. These three daughters are full sisters. Then there are the three granddaughters, they are out of the 25-lb. junior three-year-old, the oldest one being a little past a year old and the other two are twins, born January 21, 1916. The five nearest dams of these three young things have records that average better than 30 lbs. of butter in seven days.

If you want a foundation family second to none buy this one and keep it together. Where is there another of its equal, for sale, at any price?

Also, I have consigned a 27-lb. granddaughter of Pontiac Butter Boy, you will like her better than I can tell you.

HOBART W. FAY, Mason, Michigan

Our Consignment to The Sale

Two Daughters of

Colantha Johanna Lad

bred to

Dutchland Creamelle Korndyke Lad

One Son and Two Daughters of

Dutchland Creamelle Korndyke Lad

Daughters bred to

Colantha Johanna Lad

AT

Dutchland Farms, for the *first time* in its history, has decided to make a *consignment* to an *auction sale* in order to

Educate thoughtful breeders to the value of *large yearly production* and the *kind of individuals* we are offering.

True merit is shown by the *five remarkable animals* we are sending, as they are the results of combining the *best individuality* and the *largest consistent yearly production of the breed.*

Results of this kind can not help but *raise the production* of your herd, *popularize the blood lines,* and give you the *proper return* on your investment.

Obtain the benefit of our years of *careful study of breeding and selection of producing families* by attending the sale at Detroit and deciding to own one or more of our

Initial consignment, which includes *Colantha Johanna Lad* and *Dutchland Creamelle Korndyke Lad daughters* that *can not be bought at private sale.*

Take this—*your opportunity*—to own the *best foundation herd* that money can buy.

DUTCHLAND CREAMELLE DUKE

The bull we are consigning, as shown in the above photograph, is nicely colored, **being mostly white,** and a **splendid individual** in every way. Born October 14, 1915.

HIS SIRE: **DUTCHLAND CREAMELLE KORNDYKE LAD,** the **World's Greatest Three-Generation Bull,**—his dams for **three generations** are all above **750 lbs.** of milk in 7 days and their average **yearly production** is over **26,000 lbs.** of milk and over **1000 lbs.** of butter.

HIS DAM: **DUTCHLAND CHANGELING COLANTHA LAD,** the heifer that made the **World's Record** as a **junior three-year-old** in 1912 of **21,239 lbs.** of milk and **945 lbs.** of butter. Her dam, **Ready Change,** made over **31 lbs.** of butter in 7 days and gave **110 lbs.** of milk in a day, and her sire's dam, **Colantha 4th's Johanna,** gave **27,432 lbs.** of milk in the year and made **1247 lbs.** of butter. The third dam, **Changeling,** was the **first Holstein cow** to produce **100 lbs.** of milk in a day to produce a daughter to give over **100 lbs.,** and this cow made between **29 lbs.** and **30 lbs.** of butter (the second largest record ever made on three milkings a day).

Dutchland Creamelle Duke and his full brother, we understand, are the only two bulls in the world today that are backed for three direct generations on both the sire's and dam's side where the dams average 100 lbs. of milk each in a day and where every animal is a perfect individual.

Upon receipt of your catalogue of the sale—look up this bull's catalogue number—turn down the leaf—that you may easily refer to his pedigree.

A representative of our company will be at Hotel Statler, where it will be possible to see an illustrated chart showing photographs of all the near relatives of this bull. It is worth seeing! Ask for it!

FRED F. FIELD HOLSTEIN CO.

Dutchland Farms **Brockton, Mass.**

$10,000 PRIZE MONEY $10,000

Will be given away for daughters of

"King Korndyke Veeman"

Breed your best cows to him and be one of the winners. All of his sisters on both dams' and sires' side have made over 20 lbs. as two-year-olds. His full sister made 26.29 lbs. as a two-year-old. If breeding counts for anything, you cannot fail but win a prize with his daughters.

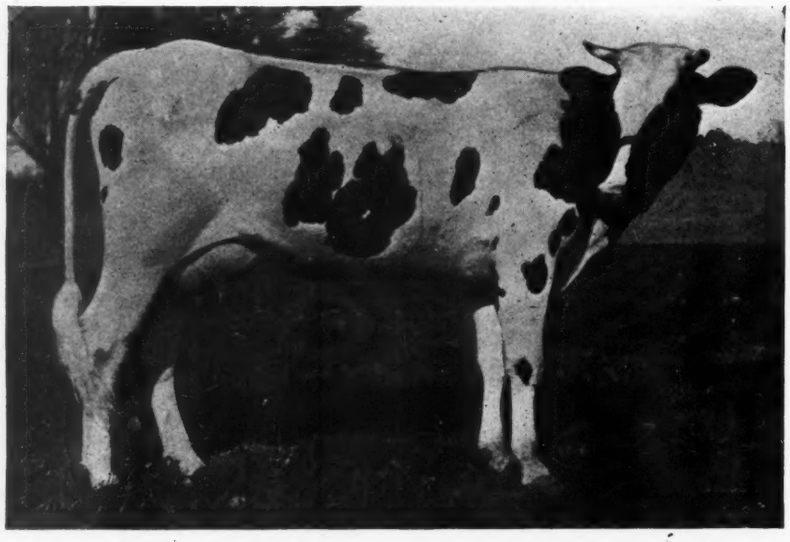
We will give $100 in cash for each of his daughters that will make 20 lbs. of butter or more in 7 days as a two-year-old with first calf. We will also give $100 for each one that will make 30 lbs. or more in 7 days at any age. This will give each one a chance to win $200. Those that have at any time been owned by us cannot compete.

Sire: King Korndyke Sadie Vale, who has a 31.06-lb. dam and a 37.21-lb. sire. His first 8 daughters have all made over 21 lbs. butter in 7 days as two-year-olds, three of them over 26 lbs. An unequaled showing. He also has a world's record 40-lb. four-year-old sister.

Dam: Jessie Veeman Duchess De Kol, a 33.13-lb. daughter of the great bull, Sir Veeman Hengerveld. Her two daughters have both made over 20 lbs. as two-year-olds, one of them over 26 lbs.

His calves are exceptionally nice individuals, of large sixe and very nicely marked. Write for terms and extended pedigree.

WISCONSIN STAR STOCK FARMS, Edwin M. Schultz, Hartford, Wis.



Vanderkamp Segis Eva

The 21.40-pound daughter of Judge Segis, herd sire at Vanderkamp Farms, owned by F. C. Soule & Sons. Her dam goes into the Detroit sale.

FOR SALE CHEAP

We have a few sons of Korndyke Pontiac Pet, No. 55995, 37-lb. sire, from good A. R. O. dams. Prices reasonable.
If interested write for particulars to

ESTATE OF ISAAC DALRYMPLE

OTSELIC, N. Y.

SPRINGVALE STOCK FARM
Home of the Johannas

We have some very choice bull calves for sale sired by Sir Pietertje Ormsby Mercedes 38th, who is out of a 34.59 lb. three year old and these calves are out of daughters of Colantha Johanna Champion

W. J. Gillett & Son Rosendale, Wis.

"WE ARE SEVEN!"

These are the VANDERKAMP FARMS offerings at the

Great Holstein-Friesian Detroit Sale, June 8-9, 1916

4 Daughters of A. R. O. Sons of PIETJE 22nd WOODCREST LAD
(son of the great Pietje 22nd) all good A. R. O. Backing on dams' side. Average production at 4 years, 11 months, 15 days:
Butter, 7 days: 28.448 lbs.; Milk, 530.15 lbs.; % fat, 4.238.
Butter, 30 days: 114.778 lbs.; Milk, 2256.42; lbs.; % fat, 4.097.
Their three daughters (by **Judge Segis**) have produced, 2 y. 2 m.: **Butter**, 7 days: 18.296 lbs.; 18.972 lbs.; and 13.14 lbs.; and one at 3 years, 3 months, 25.32 lbs.; buttter, 519.4 milk; % fat 4.11.

3 Daughters of KING VEEMAN DE KOL and AAGGIE BERYLE WAYNE PAUL
(with Lord Netherland De Kol on dam's side) have produced:
Butter, 7 days: 25.255 lbs.; Milk, 496.6 lbs.; % fat 4 at 4 y. 1 m.
Butter, 7 days: 24.326 lbs.; Milk, 434 lbs.; % fat. 4.48 at 3 y. 11 m. Their three daughters (by Judge Segis) have produced at 2 y. 1 m.
Butter, 7 days: 21.466 lbs.; 18.171 lbs. and 17.83 lbs., with 4.53% fat.
Butter, 7 days: 24.56 lbs. and 24.12 lbs. at 3 y. 3 m. over 4 %.

These Seven Cows Have Produced for Us in Four Years
20 DAUGHTERS

Which will be retained and developed by us. Our offerings constitute a part of our foundation herd and were purchased as calves and developed by us. They have been tuberculin tested annually with the rest of our herd and we have yet to find the first reactor or suspicious animal. These cows are great producers of fine conformation. Five of them are bred to JUDGE SEGIS, the best son of King Segis, and we should hesitate to part with them if our barn accommodations were larger.

F. C. SOULE & SONS, Syracuse, N. Y.

WE ARE SEVEN!

VANDERKAMP FARMS OFFER

AT DETROIT JUNE 8—9

FARMS:-
CLEVELAND, N.Y.

OFFICES:-
F. C. SOULE & SONS
SYRACUSE, N.Y.

HOLSTEINALITIES

IS THE SON OF A 44-POUND COW WORTH $15,000.00?

II. Spring Farm Pontiac Cornucopia

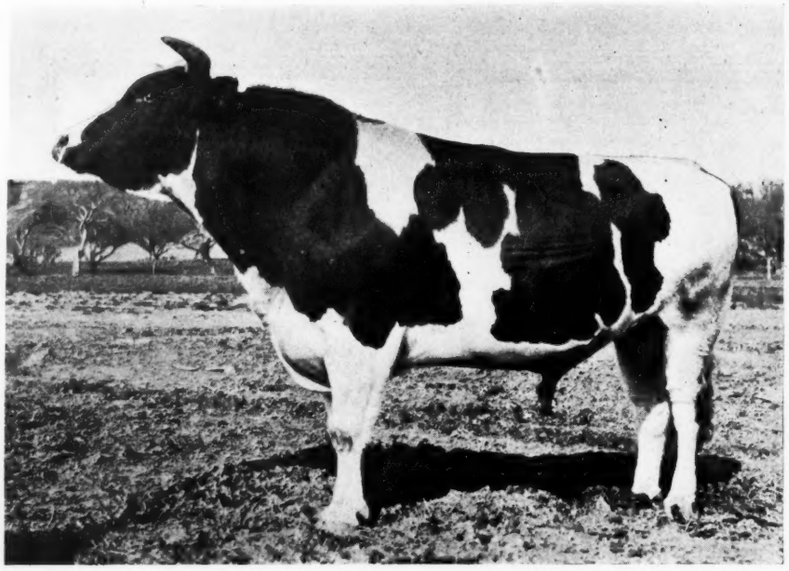
By F. T. PRICE

This is the story of a bull that's famous in many ways. First, for what his dam has done; second, for what Francis M. Jones, his present owner, paid for him; third, for what he returned on that investment; and last, but not least, for individuality and the promise he shows of projecting his remarkable individuality and ability into future herds and future generations of Holsteins.

Spring Farm Pontiac Cornucopia is a son of K. P. Pontiac Lass, the breed's and the world's first 44-pound cow. His sire is Mr. Jones' former herd sire, Sir Korndyke Cornucopia, son of Aaggie Cornucopia Johanna Lad, out of a good producing dam of Korndyke Queen De-Kol's Prince. Briefly, his history is this. He was bred by Francis M. Jones in 1910, sold by him to Quentin McAdam, two years later by Mr. McAdam to J. D. Colvin of Richland, and in 1914, after his dam had made her wonderful record of 44.17, was sold at auction at Liverpool for $15,000, the highest price at the time any animal of the breed had commanded in the public sale ring. Mr. Jones had just made the record on his dam, and upon his maternal grandam, Tweede De Kol Lass, had just placed a record of 34.39. He had also repurchased another son of the 44-pound cow that he had previously sold and which just lately brought him $10,000 at Liverpool from C. S. Mulks of Iowa.

The purchase of Spring Farm Pontiac Cornucopia, which culminated a series of squabbles over ownership of the now famous bull at the price of $15,000, was an unprecedented transaction and threw the Holstein public into a frenzy of enthusiasm and exictement. Where would the prices stop? Can Jones ever see daylight with that pile invested in one bull? As a matter of fact, since that time the Holstein public has grown more accustomed to such prices. Since then three bulls have been sold, two in the public sale ring, for more money.

But Jones soon found his way into the daylight. In 1914, following his sensational purchase of the famous bull, Mr. Jones took in cash service fees $25,000. In 1915, with the Hoof and Mouth quarantine to contend against, the receipts from service fees fell off, and but $10,000 was received. During 1916 to date forty cows have been bred to this bull at prices ranging at from $300 to $500, and Mr. Jones estimates, conservatively considering the records of other years, that seventy cows from outside herds will be bred to the famous sire. This will net him for 1916 at least $20,000 in cash service fees.



SPRING FARM PONTIAC CORNUCOPIA

Is a summary to prove that Spring Farm Pontiac Cornucopia worth an investment of $15,000, using this item of service fees alone as a basis for figuring? Mr. Jones owns forty daughters of this bull not for sale at any price, and conservatively estimated to represent a value of $30,000 as they stand. He has sold to date $18,000 worth of bull calves, only one crop.

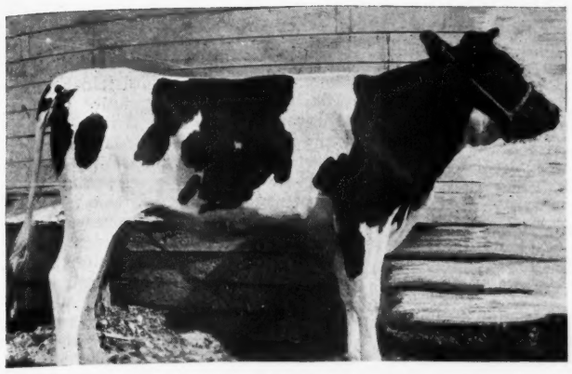
Let's summarize Spring Farm Pontiac Cornucopia's earnings since he became a $15,000 bull:

Service Fees.		
1914	$25,000.00	
1915	10,000.00	
1916	20,000.00	
Total		$55,000.00
Offspring.		
Forty heifers	$30,000.00	
Bull calves	18,000.00	
Total		$48,000.00
Total earnings for two years		$103,000.00

These figures do not include the value of the services used this year in the Jones herd, the value of which can only be estimated from the price Mr. Jones puts upon his present crop of heifers and what he had sold his first crop of bull calves for.

But Spring Farm Pontiac Cornucopia does not have to depend upon his dam's record to maintain his value to his owner. This is fortunate in view of the surpassing of this record recently. It is his individuality, in the minds of many, that is one of his chief assets. Cornucopia was not, at one time in his life, the best bull in the world individually, due doubtless to the period of development through which he passed at that time. But today he stands almost, if not quite, at the head in individuality. Well proportioned in every part, he has attained a size that commands admiration. Four sturdy legs uphold a body developed correctly in every proportion and still remaining free from coarseness. His hind quarters could not be improved upon and his body is well rounded, well supported and long. Aside from a great depth which perhaps is not a fault, the

A GROUP OF HEIFERS FROM SPRING FARM PONTIAC CORNUCOPIA



A DAUGHTER FROM ORMSBY MECHTHILDE PIETERTJE

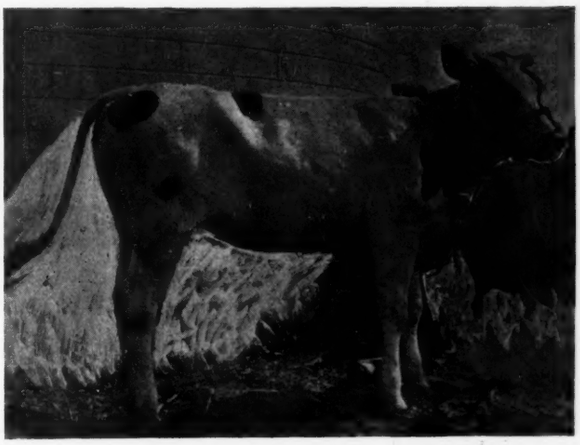
forequarters are perfect. Spring Farm Pontiac Cornucopia's top line is perfectly straight from crop to tail root. This is an exceptionally outstanding feature of his broad, well developed back.

In minor characteristics the subject of our sketch can be faulted but very little. A fine switch, beautiful, escutcheon well developed rudimentaries, clean head lines and an intelligent eye are all points of merit. His handling qualities are excellent and he is very gentle.

The demand for offspring of this remarkable sire is, of course, the main contributing cause for his remarkable financial success. His sons from high-producing cows are now doing service as sires in many herds. He has a son from May Echo Sylvia, 41.00, serving in the herd of A. C. Hardy, Brockville, Canada. Valdessa Scott 2d dropped a son from him, now in service in the famous Finderne Farm herd of Bernard Meyer. King Dollar is his son from Pontiac Lady Korndyke, and he is in service in the herds of individual Holsteins in that part of the country. S. C. Lindsey of Carthage, Mississippi, owns a son of his out of Spring Farm America Pontiac, 34.56 H. Roberts at Waterman, Illinois, has one of his youngsters out of a 20-pound two-year-old daughter out of Tweede White Lady. The Bridgford Company of Knightsen, California, has a good one out of a 30-pound three-year-old daughter of Agatha Pontiac. N. W. Salmon, Glenfield, New York; M. Lindauer of Kaukauna, Wisconsin; F. W. Sprague, Harrisville, New York; I. J. Case, Alta, Illinois; H. C. Reinhold, Hershey, Pennsylvania; W. E. Lamb & Sons, Hubbardsville, New York; Walsh Bros., Patrick, Ill.; S. K. Hutchinson, Barre, Vt., and several others that might be mentioned have sons of this bull. His male offspring from good dams are in service in herds from Maine to California and the stamp of Spring Farm Pontiac Cornucopia's wonderful individuality is bound to be impressed upon the Holstein breed to a remarkable degree in the near future.

Cornucopia's daughters are seldom sold, as their possessors are retaining them for development. Mr. Jones has forty yearlings and will have a large proportion of these in test next fall and winter. Although six years of age, Spring Farm Pontiac Cornucopia has but one tested daughter credited to him by the Advanced Registry office. Segis Pontiac Capalena has a record at 21 months of 15.76 of butter from 357 of milk. His lack of recognition in this respect is due to two things. He was not used extensively until two years ago, and his daughters are just coming into milk and are yet to be tested. With very rare exceptions they are remarkable individuals, and that they will make good is as certain as is the fact that their sire has made a remarkable record in the history of Holstein sales.

These daughters have not been priced in the sales ring very extensively. Mr. Jones has bought several for development, but owners of these choice animals are chary about letting them go. McAlister & Son of Chino, California, bought recently a daughter of this bull from Star Rena Wayne Pietertje 2d, a 34.35 three-year-old. They paid $2750 for her, believed to be a record price for an undeveloped heifer. Mr. Jones is selling at the Detroit sale four daughters and one son of this bull. With one exception these are the only daughters he has ever offered for sale, either publicly or privately. One of the daughters is from Tweede White Lady, 37.45, and the son is from Oriskany Keyes, 31.33.



ANOTHER DAUGHTER IN THE DETROIT SALE

The daughters of the $15 000 bull are of exceptional individuality, as the photographs show. Those from high producing dams, such as Lotta Belle De Kol, 34.89; Agatha Pontiac, 36.09; Hilldale Pietertje Korndyke Abbekerk, 30.10, as a junior four-year-old; Tweede White Lady, 37.45; Abbekerk Korndyke Segis, Snowball Witra, a 31-pound 3-year-old, have their work cut out for them to surpass their dam's records, but their individuality and a line of producers behind them lend color to the belief that they will turn the trick. It is certain that most of them are in herds where they will be given every chance, and Spring Farm Cornucopia's A. R. O. list will be a decided asset along with his price, his breeding and his individuality when another year rolls around. It is also certain that almost as no other bull of this age this sire has stamped the Holstein breed with his individuality, and that he is such a remarkably good bull is a fortunate thing for the breed. Mr. Jones has a treasure in Spring Farm Pontiac Cornucopia, and $15,000 does not represent one quarter of his real value today to his owner, to the breed and to future generations of Holsteins.

HIS SON FROM ORISKANY KEYES, TO BE SOLD AT DETROIT

Milk Products Hearing

A public hearing on definitions and standards for milk, cream, condensed milk and other milk products will be held in Chicago on June 13 and 14, 1916, by the Joint Committee on Definitions and Standards representing the United States Department of Agriculture, the Association of Official Agricultural Chemists, and the Association of American Dairy, Food and Drug Officials. All persons interested are invited to attend. Those who desire may present their views to the Secretary of the Committee, Bureau of Chemistry Building, Washington, D. C., on or before the date set for the hearing. Ice cream and butter will not be considered at this hearing.

The representatives of the committee desire to obtain from the trade and others definite and accurate information concerning the composition, standards, grades and descriptive terms or names of the various milk products on the American market so that appropriate definitions and standards may be determined and presented to the three associations for approval. Subjects will be discussed in the following order: June 13. Definitions, Standards and Grades of Milk and Cream; June 14, Sweetened Condensed Milk, Condensed Skimmed Milk, Sweetened Condensed Skimmed Milk, Dried Milk, Dried Skimmed Milk, Dried Cream, Homogenized and Pasteurized Milk Products, and Cheese. The hearings will be held in Hotel Sherman, Chicago, Illinois.

A Rainy Day Job

Paint the interiors of your dairy, barns, chicken houses, out-buildings, cellars, etc., with this snow white disinfecting paint that will never crack, peel or fall off. Destroy disease germs Keep the buildings bright and sanitary. Put on with brush or sprayer.

CARBOLA
The Disinfecting White Paint

is a mineral white paint, combined with the world's most powerful germicide. Stronger than carbolic acid yet harmless to man or beast. Kills lice, mites, nits, etc Powder form—ready when mixed with water

Use It Instead of Whitewash

to paint health and sunshine into every dark place If your dealer will not supply you, send us his name and your order Whitewash is NOT as good as Carbola.

10 lbs (10 gal.) for $1 plus postage
20 lbs (20 gal.) for $2 delivered free
50 lbs. (50 gal.) for $4 delivered free

Send 25 cents for a trial package—enough to paint and disinfect 250 square feet.

Carbola Chemical Company
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Your friend who does not subscribe—send him The World
$1.00 either office

Association Meetings

The Central Michigan Holstein-Friesian Breeders are to hold the Second Annual Cattle Show in Lansing, on the City Market, June 15 and 16, 1916.

The Chamber of Commerce of the City of Lansing will co-operate with the Association in making this show a success, because they fully appreciate that Central Michigan is a great breeding center for Holstein-Friesian cattle, and along with the celebrated manufactured products of the city of Lansing they take pride and interest in the adjacent live stock industry.—Fred R. McDonel, Secretary.

The Holstein-Friesian breeders of Manitowoc County, Wisconsin, will have their regular summer meeting at the farm of Julius Lindstedt, near the city of Manitowoc, on June 18th. An invitation has been extended to the Kewaunee County Association to join with the Manitowoc people in their meeting, thus assuring a doubly enjoyable time.

There will be a milking contest, also a cow judging contest, besides an address by F. B. Fries, one of the best established breeders of that section.

The Northwest Holstein-Friesian Breeder's Association includes Oregon, Washington, Idaho and British Columbia, and we expect to welcome Montana and Northern California if they care to join us in our efforts to promote the prosperity of this breed in this territory.

The officers for the present year are: W. K. Newell, Oregon, president; E. B. Marks, Washington, vice-president; Geo. A. Gue, also of Washington, secretary and treasurer.

Two of our best established breeders, William Bishop and H. C. Davis, were elected delegates to this convention and the necessary funds were provided on the spot to defray the expense of their trip. We hope that one of these gentlemen may be placed on the board of directors.

The meeting was closed with a banquet at which many enthusiastic speeches were made.—W. K. Newell.

13 Holstein Cows for $1800

Desire to sell at once my entire herd, consisting of one full age cow with a 23-lb. record, two 2-year-old heifers and ten heifers from 3 years to 5 years old. They are bred to best bulls of the breed, to freshen this fall, beginning in August. All are from A. R. O. dams, bred in good lines. Well marked, good size and capable of good records. If interested come and see them. Price $1800, F. O. B. Earlville.

C. E. TAYLOR

Brothertown Pontiac Korndyke

Born October 26, 1915. Sire, **Dean Pontiac Korndyke 116056,** and he in turn is a son of one of the greatest sires of the breed, namely, **Pontiac Korndyke,** who has 123 A. R. O. daughters, nine of them with over 30 lbs., and not only is he famous for his daughters, but his sons are equally great. Further, **Dean Pontiac Korndyke** himself is a splendid individual. He is large, straight beautifully marked, seven-eighths white and, best of all, his offspring are uniformly good. I have a large number of his daughters in my herd and every one of them will be retained and given opportunity to make A. R. O. records before parting with them. His dam, **Elzevere Hanum De Kol 69764,** 29.09 at four years, has a very nice A. R. O. record. She has six A. R. O daughters whose records will continually grow better, one A. R. O. son and two others that will eventually have a large number of daughters. This shows the splendid line of breeding that this young bull inherits.

The dam of this young bull is **King Segis De Kol Korndyke Topsy 33.09,** a very promising senior 4-yr-old heifer in my herd. She is a very beautiful animal, straight and level, with a nice shaped udder, carrying out well in front with four well placed teats, is an easy milker and has just recently completed a very large record, as you will see by the pedigree.

The young bull, **Brothertown Pontiac Korndyke,** is a very nice individual, carrying out well over the rump; is seven-eighths white, beautifully marked and is right in every way. I cannot say too much in favor of the individuality of this young bull. He is exceedingly desirable in every way.

BROTHERTOWN FARMS

QUENTIN McADAM, Prop., 23 South Street, Utica, New York

WANTED **W. C. HUNT, Fayetteville, N. Y.** is in the market for several choice, young, sound, registered Holstein Cows and Heifers. Or would buy a whole herd, even though it is a large herd, if price is right.

Give full description and bottom price for cash.

W. C. HUNT **FAYETTEVILLE, N. Y.**

BULL CALF Born June 1, 1915

Sire—Premier Pontiac, son of Pontiac Korndyke and Sadie Pontiac Korndyke at 4½ years 102.4 lb. milk one day, 687 lb. milk and 29.56 lb. butter in 7 days. **Dam**—Pansy Payne 23 36 lb., her dam, Netherland Pansy Korndyke 38.44 lb. **The calf is a good one and is priced to sell.** Write at once.

F. H. THOMSON & SON **Fairview Farms** **HOLLAND PATENT, N. Y.**

CALF MEAL IS RECOGNIZED BY EXPERTS AS THE PRACTICAL METHOD FOR STOCK RAISING

They have proven that calves raised on Calf Meal develop equally with those on skimmed milk, and remember—that whole herds have been wiped out through the feeding of infected milk to calves. It doesn't pay to risk this chance, and some of the foremost breeders of the land are now substituting Calf Meal. Stevens' Calf Meal was compounded by breeders for their own use and because of its success it is now offered for general sale.

It takes the place of milk—is absolutely digestible—it grows the calves well and keeps their bowels in good condition.

Stevens' Calf Meal has rice flour as a base, the balance of the feed consisting of wheat bran, wheat middlings, wheat flour, dry blood, charcoal, old process linseed oil meal, cocoanut meal and a small per cent of ground Fennugreek seed, ground anice and salt.

Try out a small lot and test it for yourself.

Price to introduce this feed $55.00 per ton, freight prepaid east of the Mississippi River in lots of 500 lbs. or over. Cash with order.

STEVENS' MILLING & FEED CO. **LACONA, N. Y.**

STEVENS' CALF MEAL

Perfected by Breeders for Breeders' Use

GREAT **GREATER** **GREATEST**

HOLSTEIN SALE AT DETROIT, MICH.

June 8th and 9th, 1916

Our consignment consists of

A 30-lb. cow, a 26-lb. junior two-year-old, a 22-lb. junior three-year-old and a 32-lb. bull, **LILY GRACE CORNUCOPIA** No. 123441. Butter 30.02 lb., milk 718.2 lb. in 7 days, butter 119.45 lb., milk 2851.2 lb. in 30 days. She is a daughter of Aaggie Cornucopia Johanna Lad who has 101 A. R. O. daughters. **K. H. S. PEARL** No. 256986. Butter 26.19 lb., milk 529 lb. in 7 days, butter 106.37 lb., milk 2179.1 lb. in 30 days, butter 198.36 lb., milk 4243.4 lb. in 60 days. Average 70 lb. milk for 60 days, at 2 years 1 month 4 days old. She is a daughter of the great young bull King Hengerveld Segis and her dam, a daughter of Pearl of the Dairy's Joe De Kol, has a record of 28 lb. butter and 747 lb. milk in 7 days. This cow has three records that average as follows: butter 27.76 lb., milk 697.6 lb. in 7 days, butter 114.08 lb., milk 2848.5 lb. in 30 days. Over 100 lb. milk on one day in each of the three records. **VALLEY VIEW NELLIE PONTIAC** No. 218877. Butter 22.16 lb., milk 455.9 lb. in 7 days at 3 years old. She is a fine young granddaughter of King of the Pontiacs.

KING PONTIAC BOON LILITH 2d No. 159883. Born October 19, 1914. Sire, King Pontiac Boon Lilith No. 106026, who is one of the best 30-lb. sons of King of the Pontiacs. Dam is a 32-lb. daughter of Aaggie Cornucopia Johanna Lad. This is a fine young bull in show ring condition and is all ready for service.

These animals are all grand individuals, have all been thoroughly tested for tuberculosis and are the very best bunch of cattle that ever came from Riverside Stock Farm.

Study their breeding very carefully in your catalog before buying elsewhere.

A. W. Brown & Sons, West Winfield, N. Y.

Some Real Foundation for a Beginner at Strickland Farm

Est. 1894

Six heifers. Granddaughters of Korndyke Pontiac Pet. Remember, he is ¾ brother to Pontiac Lady Korndyke, 38.03. His dam, Pontiac Pet, at 7 yrs. 37.68. These heifers are all under six months of age. They are beauties, square and straight, well grown, more white than black, and show heifers. Send for pedigrees and prices.

S. M. Strickland

Carthage, N. Y.

Members of the Holstein Friesian Association of America Who Have Died Since May 1, 1915—Total Number 64.

Allis, Frank W., Madison, Wis.....October 25, 1915
Backman, Frank, Weedsport, N. Y.....November 24, 1915
Beidler, J. A., Willoughby, Ohio.....
Bevier, James H., Gardiner, N. Y.....August 16, 1915
Blumer, Ezra, Monticello, Wis.....
Boeder, Ferdinand, Watertown, Wis.....June 26, 1915
Bush, W. H., Palmyra, N. Y.....
Butts, Fred H., Plattsburg, N. Y.....March 21, 1916
Carleton, Frank H., Minneapaolis, Minn.....February 1, 1916
Clark, B. P., Groton, N. Y.....August 20, 1915
Coley, J. W., New Woodstock, N. Y.....October, 9, 1915
Crippen, Charles E., Brown City, Mich.....December 14, 1915
Cross, Arthur, Randolph, Wis.....May 5, 1915
Cummiskey, Edward, Fowlerville, Mich.....January 22, 1916
Derr, Andrew F., Wilkes-Barre, Pa.....November 19, 1915
Dimoc, G. A., Kalamazoo, Mich.....March 24, 1916
Dutton, Henry W., Royalton, Vt.....December 21, 1915
Edwards, Dr. S., Oakfield, Wis.....May 2, 1915
Eglin, James B., Spencer, Ohio.....
Elsbree, Fred P., Sayre, Pa.....March 18, 1916
Favill, Henry B., Chicago, Ill.....February 20, 1916
Freedman, Andrew, New York, N. Y.....December 4, 1915
French, Albert, Lebanon, Ohio.....February 23, 1916
Gill, E. D., Morrisville, N. Y.....June 27, 1915
Graves, Leonard C., Springboro, Pa.....August 1, 1915
Grene, Seymour S., New Milford, Conn.....May 29, 1915
Gregg, George P., Wellington, Ohio.....August 9, 1915
Grenell, W. H., Pierrepont Manor, N. Y.....May 19, 1915
Haidet, H. H., Alliance, Ohio.....May 16, 1915
Hart, Clinton, Austinburg, Ohio.....
Hart, Jay, Wellington, Ohio.....
Hathaway, B. H., Aloha, Ore.....September 13, 1915
Herrick, J. E. K., Springfield, Ill.....January 15, 1916
Hunter, W. N., Northfield, Minn.....August 31, 1915
Johnson, Charles F., Littleton, Mass.....May 11, 1915
Kent, J. L., Montrose, Pa.....January 22, 1916
Knapp, E. H., Fabius, N. Y.....June 14, 1915
Laws, J. Bradford, Cinclare, La.....October 9, 1915
Leach, J. M. S., Sunderland, Mass.....October 16, 1915
Mead, John H., West Rutland, Vt.....November 13, 1915
Mehan, James, Cato, N. Y.....May 27, 1915
Milbrath, G. C., Elkhorn, Wis.....September 14, 1915
Nichols, George S., Owego, N. Y.....April 12, 1916
Payne, Fred H., Berkshire, N. Y.....September 16, 1915
Payne, L. H., Mantau, Ohio.....
Pelham, Charles W., Jackson, Mich.....September 1, 1915
Phelon, T. D., Wellington, Ohio.....June 1, 1915
Potter, James, Cassville, N. Y.....
Pohl, Peter, Watertown, N. Y.....September, 1915
Riley, Joseph P., Butte, Mont.....May 24, 1915
Russell, Lewis, Hamilton, N. Y.....May 11, 1915
Ryder, Albert M., Garrettsville, Ohio.....September 30, 1915
Shattuck, George H., Salem, Mass.....May 4, 1915
Stevens, F. C., Attica, N. Y.....March 14, 1916
Stewart, Hobart A., Clio, Mich.....October 22, 1915
Sutliff, Frank P., Wellington, Ohio.....May 24, 1915
Swan, A. F., East Randolph, N. Y.....November 20, 1915
Tyler, Richard B., Dryden, N. Y.....February 23, 1916
Volkmann, O. W., Juneau, Wis.....September 5, 1915
Walton, Jay C., Pomona, Cal.....
Warner, Samuel, Wellington, Ohio.....June 15, 1915
Whipple, J. Reed, New Boston, N. H.....July 12, 1915
Whitney, W. B., Gouverneur, N. Y.....December 31, 1915
Wilcox, Fred H., Sherburne, N. Y.....October 16, 1915

WANTED

A bull six to eight months old from a 30-lb. cow and from an extra good sire. Give full description and best price in first letter.

Address M. N., care of Holstein-Friesian World, Syracuse, N. Y.

NOW IS THE TIME

To Make That Advertising Contract with the World.

THERE MAY BE A REASON

WAKE UP

A Dream has come true. You can buy a Bull from a 32-lb. sire and a dam whose record at 4 years of 20.51 is just a start and a check for $100.00 gets him. From **K. C. HOOVER, Hazeldell Farm, West Toledo, Ohio.** Also several Females For Sale.

Finderne Pride Johanna Korndyke

I WISH TO ANNOUNCE

the Sale of One-half Interest in this Bull to

Melvin & Godfrey, Inc.

Baldwinsville, New York

ALSO THAT I HAVE

Consigned 5 fine Heifers

Bred to this Unusually Fine Sire

TO THE GREAT DETROIT SALE

This consignment includes one fine daughter of each of the following sires: King Walker Segis, King Hengerveld Pietertje Walker, Arcady Pietertje Beets Segis, Fairmont Johanna Calamity and King Hengerveld.

Finderne Pride Johanna Korndyke

is sure to take his place as one of the most famous sires of the breed. He is a son of a champion and is in every way a worthy son. He is bred along the greatest producing strains of the present day. His sire, King Pontiac Segis Korndyke, is destined to become one of the greatest sires that ever lived; he already has a long list of splendid producing daughters, among them being a 26-lb. 2-year-old. He has twelve 2-year-old daughters to average 20 lbs. of butter in seven days. He is a son of Beauty Rauwerd De Kol, a 30-lb. daughter of Pietertje Hengerveld's Count De Kol, whose daughters are noted for their exceptionally large milk production. The sire's sire is King Segis De Kol Korndyke, sire of the present world's champion seven and thirty-day four-year-old butter producer and a son of King Segis and the renowned Pontiac Clothilde De Kol 2d.

His dam, Finderne Pride Johanna Rue, is one of the greatest producers that ever lived. She has twice produced over 31 lbs. butter in 7 days; the first time as a three-year-old. The last time she was officially tested she produced 36.87 lbs. butter in 7 days and eleven months after calving also produced over 36 lbs. in 7 days, a showing that has never been equaled. Her yearly record for butter production was a world's record at the time of making and still stands second. She is from an A. R. O. granddaughter of Mutual Friend 3d's Paul and sired by Johanna Rue 3d's Lad.

C. L. AMOS

SYRACUSE : : NEW YORK

A FEW REASONS WHY YOU SHOULD HAVE A SON OF
ADMIRAL WALKER PRILLY
AT THE HEAD OF YOUR HERD

First of all he is a faultless individual, weighs 2200 pounds, just in breeding condition, has extreme length, good depth, and a perfect top line, and transmits these qualities to all his offspring.

Second, his daughters, all 2 and 3 years old, are making good. His first five A. R. O. daughters having made a larger average than any bull's daughters that ever lived, for their age. The five averaged nearly 20 pounds in 7 days and three of them made over 20 pounds for 30 days, at an average of 2 years, 25 days.

Third, his dam, Lottie Walker Spofford, A. R. O. 32.50 at just 4 yrs. 6 mo., was at the time record was made the highest record cow of her age. She is now, with one exception, the only cow with four records above 30 lb., the only cow with five records above 29.40, and the only cow with six records above 25.55, the latter as a junior three-year-old. She was recently sold, at ten years old, with two others, one ten years old, the other 5 years old, for $10,000.00.

Fourth, his sire, Artis De Kol Walker, son of Beauty Pietertje, A. R. O. 30.50, she dam of Lillian Walker Pietertje, 30.01, and she dam of Ruby Walker Pietertje, 30.21, making one of only four series of three generations of 30-lb. cows.

Fifth, although he is but five years old, his sons are at the head of many good herds in thirteen different states

On his daughters we are using King Walker Pietertje Segis, one of the richest bred young bulls of the breed, whose thirteen nearest dams average 30.07 butter in 7 days, combining the blood of such sires as King of the Black and Whites, King Segis, King Colantha Clothilde, Admiral Walker, Colantha Johanna Lad, Beauty Pietertje Butter King, Admiral Walker Pietertje, Clothilde Goudgeld Hugo, and Sarcastic Lad.

Such breeding is bound to bring results.

THE STEPHENSON FARM

J. P. TORREY, Manager KENOSHA, WISCONSIN

Canadian Department

Notes by WALTER FAIRWEATHER

Dr. L. de L. Harwood, the owner of Het Loo Stock Farm at Vandreuil, has sold the majority of his fine herd of Pure Bred Hosteins to Mr. Shaw of Toronto, who is having same moved to his farm at Newmarket, out of Toronto. It is possible that Gordon Manhard, who has had charge of the herd at Het Loo Farm, will move to Newmarket with them and continue in charge under the new owner.

I understand that the doctor is retaining a few and that he will still be interested in our favorites. Some good records have been made at Het Loo Farm in both the seven day and yearly test work. An article on the farm was published in the World at the beginning of this year.

"May Echo Sylvia, the World's Milk Champion," put up a grand stand performance on the day of A. C. Hardy's Sale, for the special benefit of those breeders who were present at the sale. Following are her milkings for the day: 5 a. m., 41.3, 2.8%, 1.156; 11 a. m., 38.5, 3.1%, 1.194; 5 p. m., 44.1, 2.8%, 1.235; 11 p. m., 28.2, 3.5%, .987. Total for the day, 152.1 lbs. milk, 4.572 lbs. fat, 5.715 lbs. butter.

At the 11 a. m. and 5 p. m. milkings a crowd in the neighborhood of 400 people were standing round her box stall to watch the Champion being milked, W. Lynn & T. Perry doing the milking one on each side, which I suppose was a thing that Canadian Breeders had never seen done before, viz.: two milking the same cow at once, and Harry Welch was the supervisor. I think that May Echo Sylvia must have heard some of the remarks that have been passed about her ability to give 148.5 lbs. milk in one day and to prove to the other breeders and the public in general that records made at Avondale Farm are on the square, she put forth her best on that particular day so that seeing would be convincing for the dubious ones.

When you take into consideration that this record day's milk was made on the 51st day under test, you might well pause and wonder, what can she do? Two days after this big day she gave 148.5 lbs. one day, and 140.7 the next day, and is still going strong.

When her record is completed I will give full particulars of what she has done, as I have been fortunate enough to be the supervisor to continue on her test.

A. C. Hardy's second annual Sale was held at the Avondale Farm, Brockville, on May 17th, 1916. The attendance was not so large as last year, no doubt the late seeding kept quite a number away.

Messrs. Kelley & Haeger disposed of 50 head in their usual style, for the total sum of $17,465.00.

The highest price for the sale was $1,500.00 paid for Alice Tensen, her new

SOME MORE ABOUT
KING DOLLAR

We told you last week something of the wonderful breeding of King Dollar—this week will point out a few more facts that show his supremacy and the reason we selected him as being qualified to serve as a sire in our herd. Will speak in this ad. a little about his dam.

Pontiac Lady Korndyke, the dam of King Dollar, first appeared in the lime-light when she surpassed the unprecedented records of her champion sisters and thus became the first cow to produce over 38 lbs. butter in a week or 156 lbs. in a month. Pontiac Lady Korndyke is a cow of great quality and we would emphasize strongly the fact that she is the largest record daughter of the famous Pontiac Korndyke. Her dam, Lady Korndyke Pauline De Kol, a cow of ideal type and with a perfectly shaped udder, made 29.14 lbs. butter in 7 days, 115.28 lbs. in 30 days, as a senior four-year-old, and we believe is as great a cow as Pontiac Korndyke ever sired.

In breeding it will be seen that King Dollar is in a class by himself and individually he is just as good. He is a good size, carries out straight as a line, is a low down deep-bodied fellow, just the kind in type and breeding to mate with the young things we have coming in. We have great confidence in this young bull.

STEVENS BROTHERS CO. Liverpool, N. Y.

In the Great Detroit Sale

ONE OF HIS DAUGHTERS

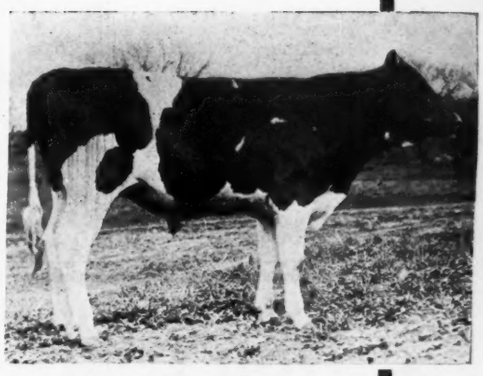
THE FOUR DAUGHTERS

A yearling from Tweede White Lady, 37.45 pounds butter in seven days; 149.92 pounds in 30 days; 1,127.85 pounds in a year; year's milk, 21,038.10 pounds.

A yearling whose dam is a 26.94-pound daughter of Sir Korndyke Cornucopia; her dam being a 29-pound daughter of Pontiac Hengerveld Parthenea.

A yearling from 26.25-pound four-year-old, who is a daughter of Inka Hengerveld Johanna Lad, whose dam is a 27-pound three-year-old.

A yearling from a 21.87-pound three-year-old daughter of a 27-pound cow who traces directly to Paul De Kol and De Kol 2d.

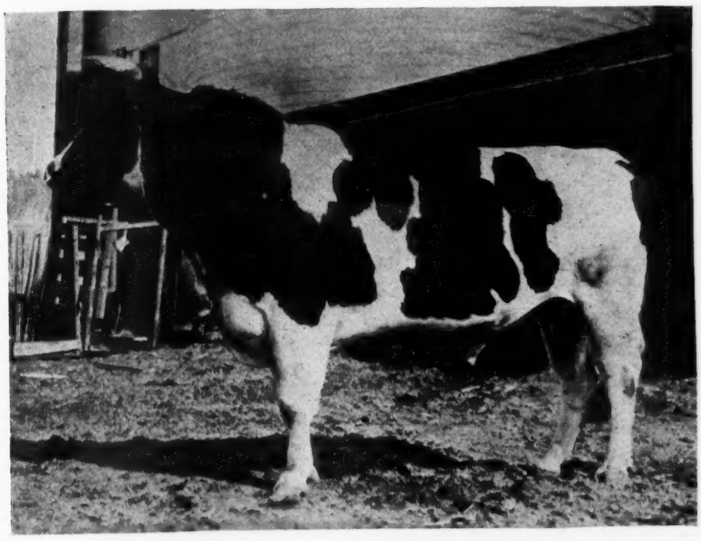


A SON OF HIS

Four Daughters and a Son *of* Spring Farm Pontiac Cornucopia

Spring Farm Pontiac Cornucopia is the "$15,000 bull." His dam is **K. P. Pontiac Lass** (44.18), the highest record daughter of **King of the Pontiacs,** she being the first 44-pound cow.

The son entered was born March 28th, 1915; his dam being the 31.33-pound cow, Oriskany Keyes.



I Have Also Entered

ORPHA PONTIAC, 31.49 pounds at five years. Her sire, **Pontiac Hengerveld Parthenea,** is by **Hengerveld De Kol** from the great cow, **Pontiac Parthenea.** This cow's 30-day record is 113.97 pounds butter from 1,882.70 pounds milk. In 304 days, 760.69 pounds butter from 13,816.5 pounds milk. She is bred to **Spring Farm Pontiac Cornucopia.**

FRANCIS M. JONES Clinton, N. Y.

owner being D. Tracy, Cobourg. As a senior three-year-old, she held the Canadian Championship with 28.50 lbs. butter. As a five-year-old she made 29.12 lbs. butter from 564.3 lbs. milk, and at six years 117.01 lbs. butter for 30 days from 2,778.8 lbs. milk, with 103 lbs. as her best day's milk. She was one of the best offerings at the sale. Her records were made under unfavorable conditions, as they could not get her dried off in time to get her into shape.

She was bred on March 9th, to Champion Echo Sylvia Pontiac, the son of May Echo Sylvia, and the 44-lb. bull.

Following are the list of buyers, etc.:

May Pontiac Princess, $310.00, James Henderson, Kingston.

Pontiac Segis Beets (male) $40.00, G. C. Brown, Lynn.

Pietje Beets De Kol, $280.00, G. A. Gilroy, Glen Buell.

Pietje Rhoda, $225.00, James Henderson, Kingston.

Pontiac Artis Sara, $205.00, G. A. Gilroy, Glenn Buell.

Pontiac Countess Korndyke, $165.00, C. R. Dyke, Unionville.

Pontiac Oxford, $190.00, John McRobie, Iroquois.

Avondale Pontiac, $270.00, Thomas P. Charlson, Ottawa.

Anna Lora, $325.00, Lewis M. Kennedy, Unionville.

Pontiac Countess Echo, $300.00, Thos. P. Charlson, Ottawa.

Pontiac Pietertje Wayne, $185.00, G. A. Gilroy, Glen Buell.

K. P. A. Clothilde (male), $325.00, Jos. Gareau, St. Lin, Que.

Pontiac Netherly Princess, $195.00, Eavn Roys, Milk Roche.

Pontiac Blossom De Kol, $200.00, H. Barton, St. Annede, Bellevue.

Lyndia Pontiac, $255.00, J. F. Woodman, Harley, Que.

Lockhart Ormsby Pontiac, $290.00, Colin E. Gray, Gananoque.

Pontiac Bell Boy, $150.00, G. Grimshaw, Kingston.

Pontiac Waldorf De Kol, $230.00, Colin E. Gray, Gananoque.

Lady Segis Carmen, $375.00, Joseph Gareau, St. Lin., Que.

Avondale Segis Pontiac Korndyke (male) $105.00, W. R. Cummings, Ottawa.

King Pontiac Johanna, $675.00, Brown Bros., Lyn.

Belle Dillon, $285.00, G. Grimshaw, Kingston.

Avondale Butter Girl, $115.00, Milton Fennell, Osgoode.

Sir Pontiac Artis Jewel (male) $310, W. B. Marke, Unionville.

Queen Mercedes Dione, $305.00, G. Grimshaw, Kingston.

Queen Mercedes Dione, $325.00, Jos. Gareau, St. Lin, Que.

Korndyke Galdi Dora, $215.00, M. J. Rodger, Hammond, N. Y.

Pontiac Hester Pietje 2nd, $265.00, K. M. Dalgleish, Kenmore.

Avondale Belle Korndyke, $250.00, K. M. Dalgleish, Kenmore.

Belle Korndyke Pontiac, $120.00, B. M. Holtby, Port Perry.

Pontiac Maida, $245.00, G. Grimshaw, Kingston.

Avondale Pontiac Maida, $190.00, M. F. Elliott, Unionville.

Pontiac Griselda Artis, $220.00, Milton Fennell, Kars., Ont.

Queen Pontiac Griselda, $525.00, L. O. Warren, Mallorytown.

Griselda Pontiac Artis, $315.00, F. J. McCalpin, Gananoque.

Avondale County Paul (male) $160.00, H. S. Patterson, Kingston.

Alice Tensen, $1500.00, D. B. Tracey, Cobourg.

Jessie De Kol Mercedes, $245.00, Neil McLean, Rockwood.

Jessie Teake De Kol, $195.00, Thomas P. Charlson, Ottawa.

Teake De Kol Bessie, $320.00, G. Grimshaw, Kingston.

Pontiac Winona Pauline, $220.00, T. L. Leslie, Norval.

Pontiac Winona, $225.00, Jos. Gareau, St. Lin., Que.

Pontiac Lilliepearl, $260.00, W. F. Elliott, Unionville.

Pontiac Lilliepearl Pietje, $200.00, H. Barton, Quebec.

Het Loo Francy, $305.00, Thomas P. Charleson, Ottawa.

Het Loo Mary, $210.00, A. J. Camplin, Unionville.

Lulu Fayne Segis, $185.00, Grant Robinson, Merrickville.

Bess Gerben, $380.00, Jos. Gareau, St. Lin., Que.

Pietje Korndyke Queen 3rd, $660.00, Brown Bros, Lyn.

Vrouka Pontiac Pietje, $235.00, J. F. Woodman.

Vrouka Pontiac Clyde, $125.00, A. A. Farewell, Oshawa.

Avondale De Kol Plus, $300.00, Jos. Gareau, St. Lyn.

Pontiac Senora, $235.00, Colin E. Gray, Gananoque.

Lady Pietje Artis, $270.00, G. A. Gilroy, Glen Buell.

Avondale Pontiac Korndyke, $90.00, Grant Robinson, Merrickville.

May Korndyke Posch, $195.00, Archie Caldwell.

Gypsy Queen Rhoda, $570.00, R. M. Holtby, Port Perry.

Don't Fail to Attend

The York & Few Dispersal Sale

to be held at West Chester Fair Grounds, West Chester, Pa., June 15, 1916. A one-day sale of 100 head. Every animal unblemished. Every animal tuberculin tested. Of unexcelled breeding. The offerings include:

A daughter and several grand-daughters of King of the Pontiacs.

A grand-daughter of Pontiac Korndyke, sired by a son of a 33-lb. cow.

A number of cows bred to a 3-4 brother of King Segis Pontiac Alcartra.

Two sons of Tidy Abbekerk Prince.

For Catalog Write:

W. J. FEW
West Chester, Pa.

D. B. YORK
Troy, Pa.

or

E. A. HUTCHINS, Sales Manager
Binghamton, N. Y.

AUCTIONEERS, KELLY — BAXTER

JUNE 10th

the day after the Great Detroit Sale,

THE MICHIGAN BREEDERS' CONSIGNMENT SALE CO.

will offer in the 10th Public Sale

100 REGISTERED HOLSTEINS 100

at the Sale Pavilion

HOWELL, MICHIGAN

The Sale Includes

4 daughters of Fairview Colantha Rag Apple, a son of Rag Apple Korndyke 8th and a 31-lb. four-year-old daughter of Pontiac Korndyke.
3 daughters of King Korndyke Oriskany Pontiac, whose two nearest dams average 37.87 lbs. He is a grandson of K. P. Pontiac Lass.
3 daughters of Johanna McKinley Segis, in calf to King Korndyke Oriskany Pontiac.
10 daughters of Colantha Pietertje Sir Aaggie and Dutchland Colantha Winana Lad, sons of Colantha Johanna Lad.
4 daughters and 6 granddaughters of King Pietertje Hartog, a gransdon of Beauty Pietertje.
2 daughters and 3 granddaughters of Johanna Korndyke De Kol, a son of Belle Korndyke.

The sires to which these cattle are bred include

A son of Maplecrest Pontiac Application, 1344.3 lbs. butter 1 year.
A son of Rag Apple Korndyke 8th.
A son of Hengerveld De Kol's only 33-lb. daughter.
A son of King Korndyke Pontiac Lass.
2 sons of Colantha Johanna Lad.
A son of King Segis Pontiac.
A son of the world's record heifer, Flint Bertjusca Pauline.
A son of King of the Black and Whites.

The Contributors

D. H. Hoover, Howell, Mich.
J. W. Worthington, Howell, Mich.
Tracy F. Crandall, Howell, Mich.
H. W. Norton & Son, Howell, Mich.
Est. of W. A. Wilder, Bay City, Mich.
R. B. McPherson, Howell, Mich.
McPherson Farms Co., Howell, Mich.
E. M. Starkweather, Northville, Mich.
J. Fred Smith, Byron, Mich.

You can leave Detroit at 7:30 A. M. via Pere Marquette R. R. and reach Howell in plenty of time for the sale which starts at 10:30 o'clock.

KELLY & MACK, Auctioneers **S. T. WOOD, Sale Manager**

The Michigan Breeders' Consignment Sale Co.

H. W. NORTON, Jr., Manager

Catalogs June 1 **HOWELL, MICH.**

SONS OF A GREAT HERD SIRE

UNEEDA KORNDYKE ABIGAIL BOY 102287

He is a son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb. bull, Johanna McKinley Segis, son of King Segis.

Offer No. 1—Bull born in June from a 24½-lb. cow.

Offer No. 2—Bull born in March from a 20-lb. cow.

Also a number of younger cows.

HENRY ANTHES **JEFFERSON, WIS.**

BULL CALVES THAT ARE DIFFERENT

About 12 Left From Last Fall's Crop.

Breeding—Sired by Hengerveld Ormsby and Woodcrest Knight and out of dams with creditable A. R. O. records.

Individuality—Each one an excellent calf.

Price—One that will sell them.

Write to

D. O. HASTINGS **Wilmington, Delaware**

BULL CALF—Ormsby-Pontiac Combination

900 lbs. yearly average for two granddams. Dam 23.35 lbs. Senior two-year-old. On semi-official test, making 3 lbs. butter every day.

Fine individual, worth $600.00. Priced at $300.00 if he goes to the right herd. Write us at once.

C. C. FRIES & SON **Richland Center, Wis.**

THE CEDAR VALLEY COW TESTING ASSOCIATION, Waverly, Iowa

This association has more certificates of production won by its cows than any other association in Iowa.

The herd showing the greatest net profit of any in Iowa.

The herd showing the greatest gross profit of any in Iowa.

These are evidences of the fact that this is the real live progressing association.

JOHN BALLOU, Pres., GLENN INGHAM, Sec. Waverly, Iowa

Grandson of King of the Pontiacs

My stable-mates are going to their new homes very fast. I expect to go soon. My dam has a 26.80 lb. seven day and 102.51 thirty day record. My price is $150. Write and find out more about me.

H. PERKINS & SON **Red Creek, N. Y.**

MARBLE VALLEY STOCK FARM—Home of

KING SEGIS PONTIAC ALCARTRA LAD, No. 166569—The bull whose breeding and individuality is "A Little Bit Better Than Really Seems Necessary." Sire, King Segis Pontiac Alcartra, the noted $50,000 bull. Dam, Meta Hengerveld, 30.15 lbs., one of the nine 30-lb. daughters of Hengerveld De Kol. For pedigree and picture write

ROBT. F. MEAD **West Rutland, Vt.**

TO THE PUREBRED BREEDER

wishing a bull of serviceable age at a moderate price, we offer Rival King Pietje Lad. His dam is the youngest cow in the world to produce 700 pounds butter in 365 days. Six nearest dams average 835.6 pounds butter, 19071.0 pounds milk in 365 days, (two at heifer age) three-fourths white. Will ship anywhere on approval. Others combining good individuality, size, 40 pounds and semi-official breeding; two-thirds and more white.

Write for Catalogue, photos and prices

L. E. FERGUSON, **LAURENS, IA., Pocahontas Co.**

A Washington Sale

The backward spring, following a long, hard winter, causing a rush of spring work to keep farmers close at home, together with the high price of hay that now reduces dairy profits, all worked to draw only a small attendance to the third semi-annual sale of Holsteins by the Western Washington Holstein Association, at Snohomish, Wash., May 3 and 4. Yet, in spite of all these drawbacks, a successful sale was pulled off and 133 head of cattle went through the ring for a total of $32,455

Some of the offerings were only indifferently fitted, but most of them were in good condition, and nearly all good individuals. The outstanding feature of the sale was the magnificent condition, as well as individuality, of the Greenbank Farm consignment. It is seldom that a lot of cattle of such quality and such wonderfully fine condition are offered at public sale. The prices received generally reflect the conditon of the offerings

Hollywood Farm paid top price of $1,275 for the Greenbank consignment, Lady Illustrites Fayne, a six-year-old cow of William Todd & Sons breeding, a show animal with a good A. R. O. record. William Bishop's Sir Chimacum Wayne Cornucopia, a year-old bull out of Lutscke Vale Concordia, that has just broken the world's yearly milk record, and by a son of his 33-pound cow, Chimacum Wayne Boone, topped the bulls and was second in the sale, at $1,050. He was taken by a Yakima Valley company that was formed while the sale was in progress, and will go to add to the already high quality of the herds of E. B. Marks, H. C. Davis, Morehead & Hobson, and W. H. Harrison. Greenbanks Mona Pontiac, a grand young bull of the Greenbank offering, sold for $650, Dr. W. N. Keller of Steilacoom, Wash., being the purchaser. But there was very little demand for bulls, and Van Woerden & Fisher took most of those offered, at $100 each.

E. J. Stevens, a new breeder, of Monroe, Wash., secured eight head for $3,020, all choice offerings. J. W. Hollinshead of Cloverdale, B. C., took nineteen for $4,400, and Tom McGeer of Chimacum, Wash., who handled the cattle in the ring, took several that were gonig too low. Several of the best animals went from one established breeder's herd to another, but many also went to dairymen or new breeders.

The following is a summary:

Seventy-eight cows sold for $21,355; average, $273.90.

Thirty-six heifer calves sold for $6,265; average, $174.30.

Thirteen bulls sold for $2,535; average, $194.20.

Seven calves sold for $1,670; average, $238.57.

BULL CALF WITH 44 lb. BACKING BORN MARCH 2, 1916

Son of Spring Farm Butter Boy, whose dam is Tweede De Kol Lass (34.39 lb., average per cent fat 5.10). She is dam of K. P. Pontiac Lass, the first 44-lb. cow. Dam, Plum De Kol Pledge Lass, who has a 23.86-lb. record, average per cent fat 3.799 at 4 years of age. She is a strong, vigorous animal, with prospects of a much better record. This bull calf is very vigorous and well marked. His dam and sire's dam average 29.12 lbs. butter. Pedigree and description on application. Price $150.00.

C. W. HEWITT & SON **GOUVERNEUR, St. Lawrence County, N. Y.**

FOUR OF A KIND

That is they're ALL GOOD and they're ALL BARGAINS

No. 1—Bull born March 25, 1915, King Pontiac Hengerveld Veeman, sired by King of the Pontiacs. His dam has 27.01 lbs. and her dam a 29.14-lb. daughter of Sir Veeman Hengerveld. About one-half white and individually a fine animal. He is a good buy at $600.

No. 2—Bull born May 25, 1914, King Pontiac Ondine Fayne. Sired by King of the Pontiacs, who now has 14 30-lb. daughters. Dam is a 19.67-lb. granddaughter of Hengerveld De Kol. He is three-fourths white and a fine individual. A bargain at $500.

No. 3—Bull born January, 1915, sired by Spring Farm King Pontiac from a dam with 25.40 lbs. butter in 7 days from 510.5 lbs. milk. He is nicely marked and well grown. You win when you get him for $300.

No. 4—Bull calf born January 10, 1916. He was sired by Spring Farm King Pontiac and his dam is sired by a good son of Mutual Friend 3d's Paul, he by the great old-time sire, Paul De Kol, and from the noted butter prize winner, Mutual Friend 3d.

LEON MORE : LACONA, N. Y.

Moyerdale Herd Sire KING LYONS No. 71155

The first sire of the breed that has six 20-lb. 2-year-old daughters with first calf, at 4 years of age.
His sire is a son of Colantha Fourth Johanna 35.22 lb.
His grandsire is an own brother to Grace Fayne 2d Homestead 35.55 lbs.
The two first 35-lb. cows of the breed.
His dam is a 29-lb. daughter of King Segis.
His second and third dams are each 34-lb. cows.

KING JOH No. 143460, Junior Herd Sire

Sir King Segis Pontiac Alcartra, 76602, the $50,000 bull, a grandson of King Segis. Dam, a 33-lb. daughter of Johanna McKinley Segis, the $25,000 son of King Segis, and Johanna De Kol VanBeers, the 40-lb. $7,000 cow with butter records as follows:

Butter 7 days..... 40.07 lb. Butter 30 days.....151.39 lb.
Butter 60 days.....288.45 lb. Butter 90 days.....416.74 lb.

King Joh retains the King Segis quality. He is a beautiful individual with all of the dairy qualities we like. He weighed 1200 lbs. at 12 months old.

His sire has five 20-lb. 2-year-old daughters at 4 years of age.

KING SEGIS No. 36168, Born 1903, Died in 1910

He has 86 officially tested daughters, 9 of this number with records over 30 to 35 lb. each.

Over 900 officially tested granddaughters, 17 of this number with records from 30 to 40 lb. each, or practically 1000 daughters and granddaughters and 26 of these daughters and granddaughters with records from 30 to 40 lb. each, including the world record 40-lb. 4-year-old and the first 30-lb. 2-yr.-old of the breed, a showing that is barely equalled by some of the older, great sires of the breed that have had 12 years of service to their credit. What would King Segis have had if he had 12 years of service to his credit?

King Segis was the first bull of the breed to have four 20-lb. 2-yr.-old daughters as a 4-year-old sire.

King Lyons is the first bull of the breed to have six 20-lb. 2-year-old daughters as a 4-year-old sire; he is a grandson of King Segis.

King Korndyke Sadie Vale is the second bull of the breed to have six 20-lb. 2-year-old daughters as a four-year-old sire. He is a grandson of King Segis.

King Segis Pontiac Alcartra is the third bull of the breed to have five 20-lb. 2-year-old daughters as a four-year-old sire. He is a grandson of King Segis.

A few choice bred bull calves with great individuality, beautifully marked, that have from 7 to 12 dams in their pedigree that average over 30 lb. each.

Prices and description mailed on application.

Remember that Moyerdale is the home of King Segis, the greatest sire of his generation by far of the black and white breed.

H. A. MOYER, Syracuse, N. Y. JAMES GILLETT, Sup't.

HAMILTON BREEDERS

KING PONTIAC
CANARY WALKER'S

Heifer calves will not be sold. The only way to get one is to buy a nice heifer bred to him, and there are but a few for sale.

J. GRANT MORSE
HAMILTON, N. Y.
Laurel Farm

Sunny Slope Herd Offers

Bull calf born February 1st, '16. Dam is a 26.67-pound daughter of Artis De Kol Walker, No. 35605. Sire is a 31-pound bull. Write for pedigree and price.

J. C. MORRIS HAMILTON, N. Y.

For Quick Sale

A few choice young bull calves from a grandson of Hengerveld DeKol and from tested dams. Prices $50 to $75.

Chenango Farms Hamilton, N. Y.

SUBJECT TO YOUR APPROVAL

we will ship you this young bull. He was born April 12, 1915. He is largely white and handsomely marked. Straight top line, well grown and in good condition.
His sire is Sir Korndyke Queen, 26 A. R. O. daughters. His dam is Mechthilde Segis De Kol Fayne No. 213968.
Butter 7 days 21.26 Milk 7 days 380.20
Butter 30 days 88.00 Milk 30 days 1788.4
Per cent Ft.....3.94
Those records were made at just 2 years of age. This heifer has a 30-lb. dam and is a granddaughter of King Fayne Segis.
Write today for pedigree and price.

BURR BROS. Wauseon, Ohio

WYOMING

"MILE HIGH" HOLSTEINS

Bull calves out of half sisters to "Finderne Pride Johanna Rue" and sired by a bul whose dam has 75 per cent same blood as the sire of "Duchess Skylark Ormsby." Here is a chance for world's record blood at bargain prices.

SHOSHONE STOCK FARM, Cody, Wyo.

TWIN BROOK HERD

Now offers a beautiful evenly marked Bull Calf, born October 22d, 1915. Sire, King Korndyke Reba Veeman No. 116541, his two nearest dams average 34.32 lbs. butter in 7 days. Dam, Twin Brook Bess No. 237043, A. R. O. at 2 yrs. 14 days, 14.625 lbs. butter, 370.5 lbs. milk in 7 days.

W. B. DEVANEY
BERWYN, PA.

SIR WALTER RALEIGH

SEED POTATOES

have averaged over 200 bushels per acre for the past 12 years. $1.50 per bushel F. O. B.

HAROLD F. HUBBS Kirkville, N. Y.

Reported Tests

Received from April 13th, 1916 to April 17th, 1916

THE SHORT TIME SUMMARIES.

During the period from April 13th to 17th, 1916, the reports of tests of 576 animals were received and have been accepted to entry in the Holstein-Friesian Advanced Register Year Book, of which ten were extended to fourteen days, two to fifteen, one to twenty-one, fifty-two to thirty, one to ninety, and one to one hundred days. This herd of 576 animals, of which one-half were heifers with first or second calves, produced in seven consecutive days, 235,057.5 lbs. of milk containing 8,352.381 lbs. of butter-fat, thus showing an average of 3.56 per cent fat. The average production for each animal was 408.1 lbs. milk containing 14.501 lbs. fat.

The period covered by the above dates refers to the time during which the certified reports of tests were received by the Advanced Registry Office, and has nothing whatever to do with the time the tests were made.

SHORT TIME TESTS

FULL AGED CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Segis Fayne Johanna 114658 (King Fayne Segis).....	7	4	8	19	624.9	4.26	26.632
B., A. A. Cortelyou, Somerville, N. J. O., Oliver Cabana, Jr., Elma Center, N. Y.							
Lilith Lady Countess 145443 (Lilith Pauline De Kol's Count)	5	11	21	6	541.0	4.84	26.210
Record for 30 days.....				6	2172.6	4.06	88.138
B., W. E. Lamb, Hubbardsville, N. Y. O., W. E. Lamb & Sons, Hubbardsville, N. Y.							
Zada Bergsma 2d Clothilde 120728 (Butter Boy Artis Clothilde)	7	4	2	15	835.3	3.07	25.657
B. & O., H. H. Stickles, Claverack, N. Y.							
Lady Hartog Hengerveld 3d 140992 (Governor Walker)..	5	8	7	10	597.0	4.22	25.202
B., H. M. Dunham, Baldwinsville, N. Y. O., Allamuchy Farms, Allamuchy, N. J.							
Princess of Oakdale 2d 115482 (Paul Butter Boy Stienstra De Kol).....	7	3	4	18	536.5	4.67	25.041
Record for 30 days.....				10	2170.0	4.55	98.683
B., Browning & McPherson, Howell, Mich. O., Hobart W. Fay, Mason, Mich.							
Ruth Bellewood Hengerveld 106004 (Bellewood Mutual Paul)	8	2	26	17	557.2	4.47	24.896
Record for 14 days.....				10	1037.2	4.38	45.443
B., H. B. Livermore, Sangergeld, N. Y. O., Quentin tin McAdam, Utica, N. Y.							
Bloomingdale Hengerveld Palmyra 98725 (Hengerveld De Kol)	8	7	18	6	593.0	4.10	24.320
B., A. A. Cortelyou, Somerville, N. J. O., Oliver Cabana, Jr., Elma Center, N. Y.							
Pauline Parthenea De Kol Sarcastic 3d 210110 (King Pontiac Segis Clothilde).....	5	2	22	6	514.7	4.69	24.139
Record for 30 days.....				6	2570.1	3.76	96.552
B., Est. Jas. A. Graham, Paterson, N. J. O., Oliver Cabana, Jr., Elma Center, N. Y.							
Miss Segis Hengerveld 120490 (King Hengerveld).....	7	2	25	9	614.7	3.92	24.109
B., H. A. Moyer, Syracuse, N. Y. O., W. W. Jennings, Towanda, Pa.							
Johanna Canary Beauty 110344 (Johanna Rue 3d's Lad)	7	3	2	9	588.7	4.09	24.070
B., A. A. Cortelyou, Somerville, N. J. O., F. S. Kenfield, Augusta, Mich.							
Pabst Colanthus Terzool 130939 (Gem Pietertje Paul De Kol 3d).....	6	3	0	20	672.7	3.52	23.687
Record for 30 days.....				6	2713.7	3.43	92.989
B. & O., Fred Pabst, Oconomowoc, Wis.							
Ormsby Jane Piebe Segis 150941 (Ormsby Jane Paul)..	5	0	1	25	500.3	4.65	23.251
B., E. M. Johnson, Richfield Springs, N. Y. O., Eugene M. Casey, Elma Center, N. Y.							
Vikina Johanna 64385 (Johanna Rue 3d's Lad).....	12	10	11	18	556.7	4.17	23.202
Record for 30 days.....				15	2281.7	3.95	90.095
B., A. A. Cortelyou, Neshanic, N. J. O., Alfred University, Alfred, N. Y.							
Vernon Almeda Luecke 154264 (Sir Johanna Vernon De Kol)	5	6	14	19	565.2	4.08	23.061
Record for 30 days.....				17	2420.1	3.75	90.681
B., Edwin M. Jarvis, Fly Creek, N. Y. O., James N. Jarvie, Beemerville, N. J.							

All above 23¾ lbs. are listed.

SENIOR FOUR-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Ormsby Jane Segis Aaggie 150943 (Ormsby Jane Paul)							
Record for 90 days.....	4	11	19	13	9188.9	4.43	407.265
Record for 100 days.....				12	10151.7	4.46	452.484
B., Ernest M. Johnson, Richfield Springs, N. Y. O., Oliver Cabana, Jr., Elma Center, N. Y.							
Lady Piebe Clothilde De Kol 170086 (Clothilde De Kol Piebe 2d).....	4	6	5	38	531.0	4.25	22.568
B. & O., Owen D. Minges, Wellsville, N. Y.							
Lockspur Netherland De Kol Johanna 3d 172188 (King Burke Sandes).....	4	11	6	31	589.0	3.75	22.103
Record for 30 days.....				8	2397.4	3.61	86.492
B., J. & R. Purcell, Carthage, N. Y. O., Geo. N. Smith, Watertown, N. Y.							
Belle Pontiac Lincoln 156045 (De Kol Creamelle Pontiac Butter Boy).....	4	8	20	17	654.4	3.08	20.134
Record for 30 days.....				10	2818.1	2.92	82.228
B., Henry G. Beyer, Jr., Portland, Me. O., W. E. Shackleton, Cleveland, Ohio.							
Alice Prometheus Fobes De Kol 175440 (Northern Fobes De Kol).....	4	7	29	10	444.7	4.39	19.519
B. & O., State Hospital, Newberry, Mich.							
June Bud 2d 179804 (Prince Ybma Spofford 34th).....	4	8	3	35	553.7	3.49	19.344
B., Augustus Fairbank, Churchville, N. Y. O., Wm. A. Williamson & Son, E. Aurora, N. Y.							
Bellemore Hengerveld Tweede 175745 (King Burke Hengerveld)	4	11	2	8	474.8	3.99	18.920
B. & O., Edsall B. Reynolds, Sherburne, N. Y.							
Johanna Wayne Pontiac Burke 156888 (King Pontiac Burke)	4	9	13	10	469.0	4.00	18.749

B., A. C. Ewing, Peekskill, N. Y. O., Allamuchy Farms, Allamuchy, N. J.

Manley Farm Jewel De Kol 173169 (Dutchland Colantha Hark)	4	11	9	17	526.6	3.52	18.540
B., Mrs. W. J. Manley, Little Valley, N. Y. O., Oliver Cabana, Jr., Elma Center, N. Y.							
Norma Pietertje Segis 147145 (Arcady Segis Korndyke)	4	10	20	26	519.0	3.49	18.132
Record for 30 days				22	2218.0	3.37	74.665
B., Thos. F. Howell, Blooming Grove, N. Y. O., Davis & Adams, Munnsville, N. Y.							

All above 22½ lbs. are listed.

JUNIOR FOUR-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Zady Bergsma Clothilde De Kol 196753 (Butter Boy Artis Clothilde 4th)	4	0	2	19	710.0	3.49	24.762
Record for 30 days				11	2935.1	3.26	95.594
B. & O., H. H. Stickles; Claverack, N. Y.							
Queen Pontiac Gale 187608 (King Pontiac Gale)	4	2	24	16	547.9	4.35	23.816
Record for 30 days				16	2506.2	3.61	90.360
B., H. V. Noyes, Kenwood, N. Y. O., Oneida Community, Ltd., Kenwood, N. Y.							
Long Beach Ruby Aaggie 176030 (Mooie Fayne Burke)	4	1	19	9	553.5	3.85	21.319
B., B. B. Andrews, DeWitt, N. Y. O., F. S. Kenfield, Augusta, Mich.							
K P C Signet De Kol 193621 (King Pontiac Canary)	4	0	14	12	429.3	4.88	20.960
Record for 30 days				6	1829.7	4.59	83.904
B., W. E. Lamb, Hubbardsville, N. Y. O., W. E. Lamb & Sons, Hubbardsville, N. Y.							
Lockhart Lilith Belle 208545 (Sir Lilith Hengerveld)	4	3	8	6	474.7	4.39	20.842
B. & O., Eugene La Munion, Solsville, N. Y.							
Flora Small Hopes 183933 (Johanan Small Hopes Sarcastic Lad 5th)	4	3	26	16	511.8	3.83	19.609
B., J. G. Howard, Sauquoit, N. Y. O., C. S. Fairchild, Cazenovia, N. Y.							
Zwen Hartog Butter Girl 189320 (Zuba Burke Prince Hartog)	4	4	19	15	497.9	3.92	19.537
B., S. E. Blanchar, Windsor, Wis. O., N. P. Hanson, Westbury, Minn.							
Plum Netherland De Kol 2d 183934 (Johanna Small Hopes Sarcastic Lad 5th)	4	3	3	26	573.8	3.22	18.484
B., J. G. Howard, Sauquoit, N. Y. O., C. S. Fairchild, Cazenovia, N. Y.							
Hernstine Clothilde Korndyke 293782 (Sire No. 45763; dam No. 68674)	4	2	24	7	479.4	3.84	18.429
B. & O., J. B. Moore, Garland, Pa.							
K. H. S. De Kol Korndyke 191921 (King Hengerveld Segis)	4	1	1	10	483.4	3.81	18.418
B. & O., A. W. Brown, W. Winfield, N. Y.							
Rose Segis Korndyke 190306 (King Segis De Kol Korndyke)	4	1	23	33	444.1	4.12	18.311
Record for 30 days				10	1935.9	3.87	74.883
B., John L. Phelps, Solsville, N. Y. O., Quentin McAdam, Utica, N. Y.							
Walker Hartog De Kol 186986 (Dummerston Nineteen)	4	1	19	9	473.3	3.69	17.471
B., G. M. Gould, Westminster West, Vt. O., Allamuchy Farms, Allamuchy, N. J.							
Queen Walker 189070 (Queen Milk & Butter Champion)	4	3	19	28	478.2	3.52	16.846
B. & O., Clayton Sisson, Sherburne, N. Y.							
Country Life Cornucopia Veeman 165066 (Aaggie Cornucopia Johanna Lad 8th)	4	3	20	17	446.7	3.77	16.845
B., Harry D. Wheeler, W. Winfield, N. Y. O., H. H. Wheeler, W. Winfield, N. Y.							
Lady Hartog Veeman Hengerveld 192156 (King Hengerveld 5th)	4	2	5	32	492.0	3.36	16.522
B., I. H. Lee, New Woodstock, N. Y. O., Oliver Cabana, Jr., Elma Center, N. Y.							
Record for 30 days				6	1857.7	3.42	63.542
B., J. M. Talbot, Burlington Flats, N. Y. O., C. J. Armstrong & Sons, Milford, N. Y.							
Calypso Walker 304183 (King Pontiac Calypso No. 53420; dam No. 107718)	4	2	20	9	390.5	4.13	16.140
B. & O.,, S. R. Clark, Onondaga Valley, N. Y.							

All above 20 lbs. are listed.

SENIOR THREE-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Manley Farm Aaggie Hark 191601 (Dutchland Colantha Hark)	3	11	21	18	658.8	3.27	21.535
B., Mrs. W. J. Manley, Little Valley, N. Y. O., Oliver Cabana, Jr., Elma Center, N. Y.							
Model Annie Butter Girl 2d 178716 (Lakeside King Segis Alban De Kol)	3	9	28	13	566.2	3.71	21.019
Record for 30 days				9	2214.8	3.67	81.233
B., E. A. Powell, Syracuse, N. Y. O., Markham & Puffer, Avon, N. Y.							
Wolverine Segis Prilly 178692 (Sir Prilly Hengerveld)	3	10	18	8	495.7	3.86	19.129
B., T. W. Sprague, Battle Creek, Mich. O., John M. Tobin, Allegan, Mich.							
Fanny Pietertje Clothilde 196754 (Butter Boy Artis Clothilde 4th)	3	10	28	17	629.4	2.99	18.809
B. & O., H. H. Stickles, Claverack, N. Y.							
Lady Pontiac Winona Pauline 307338 (Sire No. 72994; dam No. 133225)	3	8	10	7	365.3	5.03	18.368
B. & O., A. C. Hardy, Brockville, Ont.							
Hollywood Korndyke Belle 199990 (Hilldale Hengerveld De Kol)	3	11	19	9	508.6	3.52	17.884
Record for 30 days				6	2306.8	3.10	71.497
B. & O., F. S. Stimson, Hollywood, Wash.							
Manor Rosalind Colantha Copia 190576 (Sir Copia Colantha Lad)	3	9	24	25	501.8	3.56	17.865
B., W. H. Grenell, Pierrepont Manor, N. Y. O., Oliver Cabana, Jr., Elma Center. N. Y.							
Wolverine Prilly Cornucopia 179632 (Sir Prilly Hengerveld)	3	9	29	9	582.3	3.07	17.853
B., T. W. Sprague, Battle Creek, Mich. O., John M. Tobin, Allegan, Mich.							
Allenvail Segis Aaggie 2d 193554 (Sir Pietertje Beets Segis)	3	7	24	11	475.5	3.63	17.275
B., Dunham Brothers, Bainbridge, N. Y. O., J. D. Bristol, Bainbridge, N. Y.							
Jessie Fobes Canary 194788 (Canary Paul Fobes Homestead)	3	11	19	11	497.9	3.46	17.242
Record for 21 days				6	1435.9	3.50	50.259

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LAST CALF ADVERTISED IS SOLD

This time we give you a choice between two, both sired by that great bull, Tidy Abbekerk Prince, who, we are pleased to say, now has nine 30-lb. daughters. The dam of calf No. 1 is the daughter of a 31-lb. sire and has almost 20 lbs. as a 4-year-old. The calf is an exceptionally fine individual, almost evenly colored, born in April, 1915. The dam of calf No. 2 is a daughter of Admiral Gelsche Hamilton with a record of 23.96 lbs. at just 5 years. This calf is an extra fine individual, straight as a line, deep and broad with very long hip, born in November, 1915. Either of these calves is valuable and we expect will increase in value, as both dams will be given opportunity to make larger records. Your choice of this pair for $150.

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OFFER FOR SALE—Bull calf born February 8, 1915; nearly white, nicely marked, a well grown, fine individual. Sired by King Pontiac Hilldale, (Sire, King of the Pontiacs, one of the greatest transmitting sires of the breed). Dam: Sylvia Netherland Mercedes 2d Canary, A. R. O. 17.69 lbs. 4.40 per cent at 3¾ yrs. A good daughter of a 27-lb. dam and a 21.68-lb. grandam. Write for pedigree and price.

M. T. BRYANT, Manager
Sherburne, N. Y.

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BELLEMORE STOCK FARM

Herd headed by **King Pontiac Hilldale,** No. 114040, a son of King of the Pontiacs, from a 29.93-lb. dam. Cornucopia Pontiac Korndyke No. 87266, a son of Pontiac Korndyke, from a 33-lb. dam. For Sale—both females and males—all of prominent lines of breeding.

EDSALL B. REYNOLDS, Prop.
Sherburne, N. Y.

WESTEND STOCK

For Sale—Bull Calf, born Jan. 21, 1916. Nicely marked, large and straight—a fine individual. His sire is by King of the Pontiacs and a 29-lb. four-year-old. His dam is a 23-lb. daughter of Lilith Pauline De Kol's Count. Price $100.00. Write for pedigree.

Bert J. Butts **Sherburne, N. Y.**

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All ages; headed by King Tobe De Kol No. 101309; full brother to Lady Tobe De Kol, world's record senior 3-year-old. 7 days, 36.59 lb. butter and over 90 lb. milk in a day. Butter, 30 days, 141.50 lb. His dam, Christmas Tobe 2d. 7 days, 31.66 lb. 30 days, 129.46 lb. and over 80 lb. (4.44 per cent) of milk a day at 10 years old. World's record at time of making and still the second largest for age.

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Office Opposite Court House.

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K. P. C. Dorothy Colanthus 201868 (King Pontiac Canary)	3	10	23	11	452.3	3.80	17.177
B., W. E. Lamb, Hubbardsville, N. Y. O., W. E. Lamb & Sons, Hubbardsville, N. Y.							
Bessie Jewel Burke De Kol 2d 180763 (Paul Calamo Korndyke)	3	6	29	9	460.6	3.68	16.945
B., E. A. Vandervort, Sidney, N. Y. O., Allamuchy Farms, Allamuchy, N. J.							
Hengerveld Parma 198784 (Bellevue Pontiac Korndyke)	3	8	21	56	453.2	3.71	16.800
Record for 30 days				48	1838.4	3.61	66.300
B., H. E. Machold, Ellisburg, N. Y. O., Quentin McAdam, Utica, N. Y.							
Maple Ridge Leonia 200394 (Maple Ridge King Pontiac)	3	10	23	10	416.3	3.99	16.615
B., H. F. Mayne, Burlington Flats, N. Y. O., Clayton Sisson, Sherburne, N. Y.							
Westside Maplecroft Lagoda 2d 195336 (King Burke Hengerveld)	3	9	20	8	414.3	3.94	16.321
B., John M. Howard, Sherburne, N. Y. O., C. S. Fairchild, Cazenovia, N. Y.							
Long Beach Victoria 176031 (Sherlock Lilith Pauline Count)	3	11	14	14	458.8	3.55	16.310
B. & O., F. S. Kenfield, Augusta, Mich.							
Long Beach Segis 176032 (Sherlock Lilith Pauline Count)	3	11	21	6	386.9	4.19	16.216
B. & O., F. S. Kenfield, Augusta, Mich.							

All above 20 lbs. are listed.

JUNIOR THREE-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Korndyke Polkadot Pontiac 198374 (King Korndyke Hengerveld Ormsby)	3	2	0	12	485.2	5.28	25.630
Record for 30 days				6	2229.5	4.58	102.082
B., Stevens Brothers-Hastings Co., Liverpool, N. Y. O., Stevens Bros. Co., Liverpool, N. Y.							
K. P. Hartog Hengerveld 211193 (King of the Pontiacs)	3	4	7	22	552.4	4.42	24.390
B., Stevens Brothers Co., Liverpool, N. Y. O., Allamuchy Farms, Allamuchy, N. J.							
Bonalevo Walker Korndyke De Kol 204896 (Admiral Walker Pietertje)	3	2	11	13	458.3	4.76	21.800
B. & O., R. E. Chapin, Batavia, N. Y.							
K. H. S. Tehee Cornucopia 221891 (King Hengerveld Segis)	3	2	14	14	524.2	4.04	21.156
Record for 30 days				7	2220.2	3.96	88.009
B. & O., A. W. Brown, W. Winfield, N. Y.							
Bonny Dean Princess Korndyke 217845 (Crown Pontiac Korndyke)	3	2	29	18	443.8	4.63	20.555
Record for 15 days				10	914.3	4.59	41.969
B., Geo. W. Stowe, Mason, Mich. O., Hobart W. Fay, Mason, Mich.							
Aaggie Prometheus Fobes De Kol 232306 (Northern Fobes De Kol)	3	2	5	12	442.9	4.52	20.009
B. & O., State Hospital, Newberry, Mich.							
K. C. S. V. Johanna 212172 (King Cornucopia Sadie Vale)	3	5	25	16	370.2	5.18	19.179
Record for 14 days				16	809.6	4.52	36.557
B. & O., M. S. Nye, Preble, N. Y.							
Paula McKinley 211917 (Johanna McKinley Segis)	3	3	9	9	521.2	3.50	18.221
B., Henry Anthes, Jefferson, Wis. O., John M. Tobin, Allegan, Mich.							
Mabel Sadie Cornucopia 216514 (King Cornucopia Sadie Vale)	3	1	20	11	460.0	3.93	18.075
Record for 30 days				7	1570.9	4.09	64.285
B., C. S. Gay, Preble, N. Y. O., M. S. Nye, Preble, N. Y.							
Miss Ormsby Grace De Kol 212122 (Sir Ormsby Hengerveld De Kol)	3	3	12	10	460.7	3.86	17.775
B. & O., John B. Irwin, Minneapolis, Minn.							
Valley View Nellie Pontiac 218877 (King Pontiac Netherland)	3	5	12	15	455.9	3.89	17.734
B., S. B. Taylor, Canastota, N. Y. O., A. W. Brown, W. Winfield, N. Y.							
Cloverlands Calamity Rag Apple 2d 215338 (King Hengerveld 3d)	3	0	5	16	430.9	4.11	17.720
B. & O., E. M. West, Reber, N. Y.							
Johanna Fayne Mercedes 190496 (Count Hengerveld Johanna Fayne)	3	3	13	6	445.0	3.97	17.688
B., M. Crouse Klock, Syracuse, N. Y. O., Julius Schmid, Montgomery, N. Y.							
Traverse Korndyke Duchess 195902 (Prince Bryonia Korndyke De Kol)	3	2	27	10	439.7	3.88	17.072
B. & O., State Hospital, Traverse City, Mich.							
Green Meadow Butter Girl 218156 (Woodcliff Butter Lad)	3	2	16	25	519.6	3.23	16.776
B., M. E. Roberts, Grand Rapids, Mich. O., Alfred C. Fergeron, N. Syracuse, N. Y.							
Allenvail Topsy Clothilde 170452 (Sir Pietertje Beets Segis)	3	5	18	22	423.8	3.95	16.722
B. & O., Dunham Brothers, Bainbridge, N. Y.							
Hollywood Pontiac Fayne 216694 (King Palmyra Fayne)	3	4	10	11	555.9	3.01	16.708
B. & O., F. S. Stimson, Hollywood, Wash.							
Lottie Artis Pietje 215264 (Hillside Della Pender Pietje)	3	0	24	12	503.2	3.32	16.706
B., R. B. Tyler, Dryden, N. Y. O., G. A. Abbott, Cortland, N. Y.							
Hollywood Stienstra Fayne 216689 (King Palmyra Fayne)	3	4	23	7	531.8	3.13	16.652
B. & O., F. S. Stimson, Hollywood, Wash.							
Feuella Vale De Kol 275865 (Abbekerk Vale De Kol)	3	3	20	7	407.5	4.08	16.635
B., S. S. Childs, Townley, Mich. O., C. E. Winné, Adrian, Mich.							
Aaggie Pauline Countess 2d 213916 (Sir Johanna Mondamin)	3	2	9	11	434.3	3.71	16.129
B., E. E. & P. S. Fowler, Lowville, N. Y. O., Melvin & Godfrey, Inc., Baldwinsville, N. Y.							
K. P. C. Bergsma Cornucopia 216733 (King Pontiac Canary)	3	4	11	7	387.4	4.15	16.087
B., W. E. Lamb, Hubbardsville, N. Y. O., W. E. Lamb & Sons, Hubbardsville, N. Y.							
Topsy Pontiac 2d 220749 (King Colantha Segis)	3	1	10	9	447.0	3.59	16.066
B. & O., F. B. Loren, Central Square, N. Y.							
Brookline Posch Korndyke 228410 (Pontiac Korndyke Hengerveld)	3	0	23	15	386.7	4.15	16.030
B., T. E. Getzelman, Hampshire, Ill. O., C. M. Bottema, Indianapolis, Ind.							

All above 20 lbs. are listed.

SENIOR TWO-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Edith Pledge Segis 221440 (King Pledge Segis)	2	10	0	11	450.9	4.96	22.371
Record for 30 days				6	2088.4	4.39	91.600
K. P. Cornucopia 212933 (King of the Pontiacs)	2	8	15	20	462.8	4.54	20.998
Record for 30 days				6	1823.1	4.69	85.428
B. & O., Stevens Brothers Co., Liverpool, N. Y.							
Lady Nephele Hengerveld 219816 (Lilith Hengerveld Woodcrest Nig)	2	10	20	12	413.4	4.74	19.595
B., C. D. Clark and wife, Central Square, N. Y. O., F. B. Loren, Central Square, N. Y.							
Laura Hengerveld Belle 219817 (Lilith Hengerveld Woodcrest Nig)	2	11	7	10	396.7	4.39	17.407
B., C. D. Clark and wife, Central Square, N. Y. O., F. B. Loren, Central Square, N. Y.							
Canary Inka 226660 (Prince Spofford Inka De Kol)	2	11	28	8	459.5	3.71	17.027
B., Jas. Leadingham, Hammond, N. Y. O., Geo. N. Smith, Watertown, N. Y.							
K. C. S. V. Lilith Homestead 212174 (King Cornucopia Sadie Vale)	2	11	24	40	430.6	3.41	16.741
Record for 30 days				36	1833.9	3.55	65.140
B. & O., M. S. Nye, Preble, N. Y.							
Allegan Jewel Pauline 210704 (Prince Salo Nudine De Kol)	2	10	12	26	487.7	3.30	16.097
B., G. E. King, Kinsman, Ohio. John M. Tobin, Allegan, Mich.							
Fryslan Orient 228977 (Sir Pontiac Korndyke)	2	11	17	7	454.7	3.31	15.045
B., Van Camp Packing Co., Martinsville, Ind. O., John M. Tobin, Allegan, Mich.							
Netherland Pacha Ida 3d 236608 (Sir Frances Korndyke 2d)	2	10	16	36	417.5	3.59	14.974
B., Diver & Casey, Schaghticoke, N. Y. O., Frank L. Sheldon, Troy, N. Y.							
Virginia Eugenia Korndyke 224257 (Butter Boy Topsy Prince)	2	11	16	22	476.9	3.09	14.754
B. & O., J. D. Bristol, Bainbridge, N. Y.							
Flossie Perfection 2d 163329 (Prince Zozo)	2	7	24	16	388.0	3.77	14.642
B., A. S. Hoxie, Leonardsville, N. Y. O., Otis Farm Co., Barrington, Ill.							
Virginia Segis 2d 224258 (Butter Boy Topsy Prince)	2	9	14	19	410.7	3.53	14.483
B. & O., J. D. Bristol, Bainbridge, N. Y.							
Cloverlands Hengerveld Grace 215337 (King Hengerveld 3d)	2	11	20	35	415.6	3.39	14.083
B. & O., 7. M. West, Reber, N. Y.							
Daisy Pauline Korndyke 211753 (Korndyke Pontiac Hengerveld Son)	2	11	18	14	378.2	3.71	14.037
Record for 14 days				10	726.4	3.74	27.196
B., R. T. Eastman, Littleton, N. H. O., S. C. Pendergast, Phoenix, N. Y.							

JUNIOR TWO-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Paladin Homestead Jane 250367 (Homestead Admiral Jane)	1	11	15	15	431.0	4.38	18.865
Record for 30 days				9	1893.3	4.03	76.214
B., Bradley Fuller, Utica, N. Y. O., John Hiteman, W. Winfield, N. Y.							
Hollywood Pauline Fayne 251912 (King Palmyra Fayne)	2	3	27	8	487.2	3.85	18.781
Record for 30 days				6	2089.3	3.54	73.861
B. & O., F. S. Stimson, Hollywood, Wash.							
Forest View Korndyke Beets De Kol 209950 (Butter Boy Segis Korndyke)	2	5	25	144	503.4	3.65	18.365
B., S. N. Browning, Massena, N. Y. O., Henry Stevens & Son, Lacona, N. Y.							
Clara Hester Hengerveld 221868 (King Artis Lennox)	2	3	24	10	361.6	4.85	17.523
B., M. J. & L. A. Bridge, Canastota, N. Y. O., Parker Brothers, Bouckville, N. Y.							
Pauline Parthenea Hengerveld 224037 (Judge Hengerveld De Kol)	2	3	22	11	402.0	4.28	17.202
Record for 30 days				9	1836.9	3.65	67.073
B., Jas. M. Anderson, Pompton Plains, N. J. O., Oliver Cabana, Jr., Elma Center, N. Y.							
F. & C. Janie Maida Pontiac De Kol 249259 (King Pontiac Lilith Altoana)	2	1	26	7	363.6	4.56	16.573
B., Fay & Cloyes, Earlville, N. Y. O., Homer Collins, Earlville, N. Y.							
Jewel Luecke De Kol Lady 250985 (Beryl Luecke De Kol)	2	1	5	28	525.9	3.01	15.854
B. & O., H. Renaud, Phoenix, Ariz.							
Anna Dean Princess Korndyke 253974 (Crown Pontiac Korndyke)	2	2	27	16	325.1	4.87	15.826
B., Geo. W. Stowe, Mason, Mich. O., Hobart W. Fay, Mason, Mich.							
Bonalevo Quality Clothilde Walker 255986 (King Quality)	2	2	12	9	391.9	3.97	15.544
B. & O., R. E. Chapin, Batavia, N. Y.							
Bonalevo Quality Walker Queen 259502 (King Quality)	2	1	2	17	403.3	3.84	15.502
B. & O., R. E. Chapin, Batavia, N. Y.							
Korndyke Ormsby Creamelle 234489 (Dutchland Sir Pietertje Creamelle)	2	2	26	13	417.5	3.70	15.462
B., F. & H. Stenzel, San Lorenzo, Cal. O., F. Stenzel, San Lorenzo, Cal.							
Fobes De Kol Pontiac Queen 261567 (Northern Fobes De Kol)	2	2	22	11	323.8	4.72	15.283
B. & O., State Hospital, Newberry, Mich.							
Countess Susan McKinley, 245972 (Johanna McKinley Segis)	2	5	13	13	424.9	3.57	15.149
B., Henry Anthes, Jefferson, Wis. O., John M. Tobin, Allegan, Mich.							
Dora Rag Apple Pontiac 251933 (Rag Apple Korndyke 8th)	1	11	18	37	360.6	4.16	15.010
B., E. H. Dollar, Heuvelton, N. Y. O., Oliver Cabana, Jr., Elma Center, N. Y.							
Ruth Lyons Johanna De Kol 2d 254672 (Butter Girl Topsy King 2d)	2	5	14	11	359.2	4.17	14.991
B., J. M. Huff, Hemlock, N. Y. O., C. S. Lunt, Charlotte, N. Y.							
Flema Belle 4th 235600 (Plum Hengerveld Count)	2	3	21	16	400.3	3.66	14.645
B., J. A. Beebe & Son, Waterville, N. Y. O., John Hiteman, W. Winfield, N. Y.							
Belle Ellen Beasie Golden Queen 233636 (King Colantha Korndyke)	2	1	15	23	329.5	4.38	14.441
B. & O., James N. Jarvie, Beemerville, N. J.							

The Pontiac Herd

"WHERE THE CHAMPIONS COME FROM"

Offer Bull Calves sized by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje.

Do you want a Pontiac in your herd?

Pontiac State Hospital Pontiac, Mich.

UP-TO-DATE

Typewritten Pedigrees

SEVENTY-FIVE CENTS EACH

Sale Catalogs - - $2.50 per page

Give name and number of sire and dam of animals having numbers above 278175 in cows and 155860 in bulls.

F. G. JOHNSTON

37 W. Lane Ave. Columbus, Ohio

First Junior 3-year Old — 25.42 lbs.

This is the record made by Segis Lyons No. 84592, first daughter, at 3 years 2 months. He has more coming, and we have a few young bulls sired by him out of 25-pound cows and up at $150 delivered. Will be pleased to know your wants.

John J. Walrath, East Springfield, N. Y.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Mur o Camillus, N. Y.

RIVER VALLEY STOCK FARM

Grands s and granddaughters of King of t. e Pontiacs by herd bull, Sir Genie Pon iac, from A. R. O. dams.

These cal es are beauties and priced right.

John Dehmlow, Algonquin, Ill.

For More Milk and Butter use

"Schumacher Feed"

THE QUAKER OATS CO.

Chicago, Ill.

DO YOU WANT TO RENT A YEARLING BULL ?

We have grandsons of Pontiac Korndyke out of A. R. O. dams. Write for particulars.

Burr Bros., Wauseon, Ohio

ELMWOOD OFFERS

12 heifer calves, age from 2 weeks to 6 months. 12 yearling heifers, age from 10 to 15 months, not bred. 17 are sired by Elmwood Betts Korndyke, a 25-lb. bull, who has 8 A. R. O. daughters. All or any part of them at a low price.

GEO. T. McNEIL THERESA, N. Y.

RAW ROCK PHOSPHATE

WRITE FOR DELIVERED PRICES

ROBIN JONES PHOSPHATE CO.

NASHVILLE, TENN.

PEDIGREES

Why be without a tabulated pedigree of every animal in your herd, when we are compiling them at a very moderate price.

We have arranged for loose leaf covers and will pedigree your entire herd and furnish one of these beautiful leather covers FREE at a price that will surprise you. Write for the surprise. A postal will bring it.

BACKUS BROTHERS
Mexico New York

RUSTLE HERD

Consists of cows with A. R. O. records up to 27.70 lbs. butter, 102 lbs. milk in 1 day. Our herd sire is a son of the 31.65 lb. 4-year-old Johanna Korndyke. Fine bull calves for sale.

O. L. Prindle Westview, O.

Sire, Hengerveld Homestead De Kol, whose three nearest dams average 644 lbs. milk and 30.49 butter in 7 days. Dam of calf is a 25.41-lb. junior 3-year-old daughter of Dutchland Colantha Sir Inka, the first son of a 30-lb. cow to have five 30-lb. daughters and eight junior 2-year-old daughters with semi-official records above 630 lbs. butter at 8 years of age. Calf is a good individual, about three-fifths white. Price $400.

JAMES PHELAN Forestville, N. Y.

Water in the Stable a Necessity

THE BUCKLEY DEVICE for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

Poughkeepsie Foundry & Machine Co.
POUGHKEEPSIE, N. Y.

We offer a few good young

Holstein Bulls

from good dams at reasonable prices

Hearts Delight Farm
Chazy, N. Y.

The Breeders Write Us

(Continued from page 1290)

wonderful butter inheritance as shown by the average records of his dam and sire's dam, for seven days?

Lady Pontiac Johanna, 41.81, has beaten the junior three-year-old record; she has beaten the senior three-year-old record; she has beaten the junior four-year-old record of Mabel Segis Korndyke, and she has beaten every cow in every class, including the great full aged cows with the exception of Ormsby Jane Segis Aaggie, K. P. Pontiac Lass and Veldessa Scott 2d.

Can it be possible that the Holstein breeders of this country will fail to appreciate the real value of this world's champion calf and what it would mean to them to have him at the head of a herd of Holstein cattle that would do justice to his greatness?

You know we have been telling you how it was that we came to consign this wonderful calf to the great Detroit Sale. We had not the slightest intention of doing so, but Mr. Moyer in his earnest desire to see the Detroit Sale become the greatest of all sales, pleaded with us to put this youngster into our consignment.

Barring accidents, Lady Pontiac Johanna will surely increase her great record at next freshening, and the man or company of men who buy this wonderful young bull, King Champion Rag Apple, will by one single stroke place themselves and their herds in the very forefront of America's greatest Holstein breeders.

Just as earnestly as I can state it, it is my belief that a fortune awaits the man who is the fortunate bidder on the greatest young bull calf ever led into a sales ring——King Champion Rag Apple, when he goes under the hammer to the highest bidder at the great Detroit Sale.

Oliver Cabana, Jr.
Elma Center, N. Y.

An Ohio Herd Sire

When the first three daughters of our son of Pontiac Korndyke, Fairview Pontiac Beets Korndyke No. 94943, freshened, we had an unusual opportunity to test his worth as a sire, and we think he stood the test wonderfully well. In fact, we do not believe there has ever been a bull in Ohio that has at the same age made an equal showing.

In the fall of 1913 three 2-year-old heifers dropped heifer calves by this bull. These three dams were given official seven-day records together, and about two years and three months later their three daughters, the daughters of the above bull, all came fresh at about the same time, and they were officially tested at the same time. The same man milked both lots, and the same man looked after the feeding, so it is fair to presume that each lot had an equal chance, except that the dams averaged two months and fifteen days older than the daughters. Nevertheless, the dams gained over their dams over 10.6 per cent in milk, over 36 per cent of fat, and over 52 per cent in butter made. The three heifers having an average of 4.58 per cent and making an average production of butter of 20.343 pounds in seven days. It seems to us that in this case the wonderful gain must all be credited to the bull, Fairview Pontiac Beets Korndyke.

Wellington Stock Farm.
Wellington, Ohio.

A Good one to Vermont

I wish to report the sale of a choicely bred young bull to E. A. Hutchinson of Barre, Vt. Mr. Hutchinson is a beginner in the business. He has a few females for a foundation, and with this young bull he has a fine start.

Sir Aaggie Pontiac Cornucopia is a son of the widely known bull, Spring Farm Cornucopia, who needs no introduction to the Holstein breeder, he being a grandson of the two great century sires, King of the Pontiacs and Aaggie Cornucopia Johanna Lad, being from the highest record daughter of the former and from the best transmitting son of the latter.

The dam of Mr. Hutchinson's bull is one of the very best daughters of S. F. King Pontiac, Mollie Aaggie Grace 2nd. Her record with first calf is 22.83 pounds from 393.5 pounds of milk. She is an excellent heifer of the perfect type. She made a yearly record of over 600 pounds from over 14,000 pounds of milk. Was dry but a short time, so did not attempt to test her. However, another year I believe this heifer capable of well over 30 pounds. Her dam was by a good son of DeKol 2nd Butter Boy 3rd. His dam being out of the great cow, Aaggie Grace 2nd Pietertje, the first cow to milk 100 pounds per day in official test. Mr. Hutchinson's bull is a perfect individual, being exceptionally straight on the back, having a fine, mellow skin and a strong, robust fellow. With a bull with such exceptional breeding and quality, Mr. Hutchinson cannot help but get good results by mating this young bull with the females of his herd.

F. M. Jones.
Clinton, N. Y.

A Bull to California

Finderne Stock Farms of Finderne, N. J., has recently shipped 28 head of what is considered the best lot of high class Holsteins that have ever entered California from the East. DeLancey Lewis, who is president of the well known Lewis Company, and Mr. Hill, who is an expert judge of cattle, and who was also incorporated in the pur chase.

Among the lot purchased were two daughters of King Hengerveld Aaggie Fayne No. 56635, who is the sire of eight heifers with records above 30 pounds. They were Finderne Soldene Fayne, No. 144568, with a 33-pound record, and her heifer calf. Finderne Marriam Fayne, No. 160396, with a record of 30.53 pounds at 4 years, together with her heifer calf. Finderne Hengerveld Soldene, No. 128867, with 30.46 pounds at 4 years 9 months, with her bull calf sired by King Valdessa, No. 137495, who is the highest record bull in the world, and also her 2-year-old daughter who has just made a record of 20 pounds at 2 years and 10 months.

Among the others there was a daughter of Finderne Netherland Fayne, a 37-pound 3-year-old, and sired by King Pontiac Segis Korndyke, a daughter of a 26-pound

It's Such Letters as these That Point Out the "Why" of Our Herd's Reputation!

A Letter from Oliver Cabana, Jr.

"Buffalo, N. Y., May 11, 1916.

Mr. Ward W. Stevens,
Liverpool, N. Y.
My dear Mr. Stevens:—

I want to congratulate you and the Stevens Brothers Company on another 30-pound cow to the credit of King of the Pontiacs. I refer to our junior four-year-old heifer, K. P. Mutual Pietertje, that has just today completed a record of butter 30.21; milk 622.30 in seven days, with the likelihood of a slight increase.

I recall, with much pleasure, the nice things you said about this heifer at the time she was sold and the prediction you made that she would surely become a 30-pound cow. I am very glad indeed to find that your judgment has been so nicely vindicated and we hope for still greater things from her in the future.

With sincere good wishes, and including one for more 30-pound daughters to the credit of King of the Pontiacs, I am,

Very truly yours,
(Sgd.) OLIVER CABANA, JR."

(This is "King's" 15th 30-pound daughter.)

NOTE—We have a full sister to the above heifer that we offer for sale.

HERE IS YOUR CHANCE TO GET THE SAME KIND OF STOCK

Our consignment to the "Detroit" sale included five daughters of King of the Pontiacs—two of them from a 33.78-lb. dam; one from a 30.71-lb. four-year-old; one from a 26-lb. dam and the last from a 24-lb. four-year-old. Someone is going to get these prizes! They are some of our most promising yearlings. There is also a 31-lb. son of King of the Pontiacs in our consignment.

Write us for prices on sons of "King;" also sons of his daughters and sired by "IT."

STEVENS BROTHERS CO.

Liverpool, N. Y.

37.44 154.39

King Pontiac Koningen

No. 75348, Heads Our Herd

The oniy son of King of the Pontiacs in the world from a 37.44 lb. dam that made 154.39 lbs. butter for 30 days and milked over 100 lbs. per day. He is individually as good as his breeding and weighs 2400 lbs. His calves are large and perfect individuals. He has over 50 daughters already and about 70 cows bred to him. His first daughters will soon freshen as two-year-olds and are as fine a lot of two-year-olds as any one ever saw—they weigh 1000 lbs. and over at two years of age. They will all be tested. His son that we advertised last week is sold—the only bull we had left. These sons go faster than we can get them.

ED. KUNTZMAN, Homeworth, O.

INWOOD HERD

N. B. We will book a few more high record cows to be bred to him at $100 each to insure. Send for pedigree and photo.

Holstein Herd For Sale

My entire herd of nineteen mature cows, all bred to drop calves next fall except three. Every cow but one has an official record and several have re-entries. 30 records compose our official work. Only blue ribbon sires have been used at the head of our herd. We are anxious to dispose of our herd within twenty days. Visit Belvoir at once.

L. A. KIMBALL

Lake Geneva, Wis. Belvoir Farm

Pioneer Holstein Center of the West

We have males of various descriptions in point of age, breeding and color. We believe our bulls will suit you—at least one of the many we offer. Remem ber, also! Our dealings are absolutely on the square.

Inter-County Holstein Association ***Watertown, Wis.***

FRANCIS DARCEY, Secretary

KING OF THE BLACK AND WHITES

His six nearest dams are all 30-lb. cows. Nine of his daughters sold during the past winter at an average of $860.00.

Bull ready for service. Dam, a 23.24-lb. 2½-year-old.

One nearly ready for service, also bull calf from a 23.27-lb. at 3¼ years old, born January 26, 1916. If interested in any of these write for pedigree.

LOCKHART HOLSTEIN FARM - SOLSVILLE, N. Y.

FOR SALE --- Bargain Prices

Three heifer calves sired by a three-fourths brother to King Segis Pontiac Alcartra, the $50,000 bull.

Three heifer calves sired by a 33-lb. bull—a proven sire of great worth. Calves are well grown, one and two months of age. Send for pedigrees and prices.

L. J. CARRIER, - - - PHOENIX, N. Y.

2-year-old, and a heifer calf from a 27-pound daughter of King Hengerveld Aaggie Fayne. The balance of this shipment consisted of heifer calves from A. R. O. dams and sired by a son of Finderne Pride Johanna Rue, the former world's champion cow, Finderne Pontiac Korndyke, a son of the former world's champion junior 2-year-old. Finderne Pontiac Netherland, with a record of 28.24 pounds, and King Pontiac Segis Korndyke, No. 84705, whose first 12 daughters tested averaged over 20 pounds, as junior 2-year-olds. Then to put an extra good finish to this purchase they selected a son of Jewel Hengerveld De Kol 3d, with a record of 31 pounds, and sired by King Valdessa, to use as a junior herd sire.

A Well Bred Youngster

Of the many sales from Spring Farm herd is that of the choice young bull, Spring Farm Pontiac Cornucopia 11th, to M. L. Basehoar of Littlestown, Pa. After corresponding with many of the best breeders of the country Mr. Basehoar decided on this choicely bred young bull to place at the head of his herd. He is a son of the $15,000 bull, My Senior Herd Sire, who needs no introduction to Holstein breeders, being one of the best known sires of the present day. The dam of Mr. Basehoar's bull is Spring Farm Lucy Pontiac, she by S. F. King Pontiac, the first sire of the breed to have eight daughters with records of 21.24-pounds average as 2-year-olds. His oldest daughter is in the test now, a junior 4-year-old. She has to date 25 pounds from 57.6 pounds of milk; best day's milk, 85 pounds. She, I believe, will make 100 pounds in 30 days. This sire is bound to have a number of 30-pound daughters by another year. A full sister of this heifer made at the same time 17.56 at 26 months and 73 pounds in 30 days, 100 days after calving. She made in seven days 400 pounds of milk, and but for an accident S. F. Lucy Pontiac would have had well over 23 pounds from 350 pounds of milk. She is an ideal heifer in conformation of her sire, S. F. King Pontiac, being sired by King of the Pontiacs and out of the great cow, Tweede White Lady. S. F. Lucy Pontiac's dam. S. F. Lucy Korndyke has a record as a senior 2-yr.-old of 21 lbs. from 442.7 lbs. of milk. She is sired by Sir Korndyke Cornucopia and out of Lucy Monk Pauline, a daughter of DeKol 2nd Mutual Paul, he out of DeKol 2nd. So as to breeding, this young sire is an ideal specimen of the breed. He is light in color and a show bull every inch of him. His dam is sure of a large record next year. With a bull with such breeding and individuality Mr. Basehoar cannot help getting stock from him of the high order.

Mr. Basehoar is in a locality where Holsteins are not quite so popular as they are in many other places, and his purchase of this bull is looked upon by his neighbors as rather an expensive operation. However, with Mr. Basehoar's grit and love for the Holsteins I predict a bright future and shall await with interest the results he obtains from the use of this choice young sire. F. M. Jones.

Clinton, N. Y.

THE CHANCE OF A LIFETIME

The only herd in the country from which you can obtain daughters of Pontiac Korndyke and other world famous bulls.

150 Cows and Heifers in Herd

Here you can find all ages and prices. Must sell to make room for increase.

METTAWEE VALLEY FARM

Clarence E. Parker

Granville, N. Y.

GEM SORGHUM

The greatest feed on earth for horses or cows. Ten acres will keep 100 head all winter, says Henry N. Smith of Fashion Stud Farm. Grows like corn. Secure seed at once. $3 per bushel. Produces in any season (no crop failure). Send for circular.

WM. C. HENDRICKSON
Belle Mead, N. J.

---

2 Grandsons of

KING OF THE PONTIACS

for sale, born February, 1916.

One out of Aaggie Burke Soldene, who made as a 4-year-old 20.527. The other out of Lady Cornucopia DeKol, who made in her twelfth year 18.25 lbs. of butter in 7 days.

WALTER M. BUCK Warsaw, N. Y.

World's junior 3-yr-old milk record 28,429.0 lbs. milk, 1050.00 lbs. butter in 365 days. Bull calves for sale from her son and half brother from tested dams. Both sires from King Korndyke Pontiac Lass. Dams are half sister to Creamelle Topsy Ormsby Tobe, our junior 3-yr-old. Others are daughters from a half brother to K. P. Pontiac Lass. They are this year's calves.

The Boysen Herd Rome, N. Y.

Truckell Certificate Envelopes

Suited for the purpose. Designed by a cattle breeder. For use by Cattlemen Friends.

$1.00 per 100. "They Fill the Bill."

G. H. TRUCKELL Liverpool, N. Y.

CATTLE BEETS FOR SALE

Detroit Dark Red Beets and Mangels for sale in large or small quantities. Invaluable for testing.

R. E. CHAPIN & SON Batavia, N. Y.

BLUE BOOK

Every Holstein-Friesian Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 26th volume? You cannot afford to be without it. All experienced breeders consider the book indispensible in tracing the breeding and relationship of A. R. O. animals. The 26th volume has been ready for distribution since November 1st. It contains 1,170 pages of condensed information relating to Holstein-Friesian cattle, including the whole Advanced Register of last year. The Official name of the book is Advanced Register Year Book, and the price is $2.00 per copy, to all alike. A limited number of the 24th aud 25th volumes is yet on haud. Be sure to designate which volume you want and send all applications with price to:

M. H. GARDNER, Supt. A. R.
Delevan, Wis.

Down in Chenango

The Chenango County Breeders of Holstein Friesian cattle are well known to most members of the dairy world, tho perhaps they are more prone to hide their good things from the light of publicity than some of their more famous brothers. Anyway, several of the breeders in the vicinity of Norwich and Sherburne have come out into the limelight, for their dairies, headed by sires of famous animals, are "bringing home the bacon," and will maintain the reputation of the breed for quality of offspring and milk production.

Probably one of the first sires in the valley is that recently purchased by the well known breeder, Whitman A. Follet, together with the president of our County Farm Bureau, George Adams, both of North Norwich. This bull, Dutchland Creamelle Johanna Count, was bought of the F. F. Field Holstein Company of Brockton, Mass., and was out of their great cow, Dutchland Cornucopia Hengerveld 2d—30 pounds—and the field's noted sire, Dutchland Creamelle Korndyke Lad. This fellow will be the junior sire in both herds, and with Mr. Follet's senior sire, the proven Prince Rag Apple Korndyke, local Holstein aristocracy must continue for some time.

M. D. Firman, also of North Norwich, a veteran in the business and one of the county pioneers to introduce the pure bred black and white, has used for several years a 30-pound sire, King Hengerveld Small Hopes, whose daughters, tho never tested, have brought in most comfortable dividends for their owner via the "milky way."

The herd of Frank Skinner, which in due time will be much larger, as it naturally increases, is headed by a son of Clarissa Piefertje Ponto, one of the sires in use at the well known Isaac Dalrymple dairy.

Also the herd of Frank Case of North Norwich, tho small, deserves special mention.

At Sherburne Four Corners, the dairy of Eugene Howard and Son is forging ahead of its neighbors, and though grades have but recently been entirely eliminated, the big barn is now full of an extra pick of purebreds, headed by a young and coming sire, King Gelsche, out of King of the Black and White, and the fine 31-pound cow, Anna Walker Gelsche. His daughters show fine dairy type and a profitable persistency at the pail for which the Howards' present dairy is noted. The Harrington Sisters of Sherburne are also using this sire.

One could keep on enumerating endlessly the various smaller herds wher purebreds are being started and where, some day, each owner fondly hopes that another world's champion may follow in the footsteps of Mr. Sisson's great Sherburne cow—De Kol Queen LaPolka 2d.

Don't depend upon pasture entirely. If the milk flow goes down once it is very hard to get it back.

Put in plenty of corn. If you want summer silage next year, now is the time to plan for it.

Give the bull a chance—out-of-doors.

King Lunde Pontiac Korndyke

Is the senior sire at the head of Greenwood Herd.

Sire: King of the Pontiacs, the greatest sire of the breed.

Dam: Lunde Korndyke,one of the finest individuals of the breed and champion semi-official year record cow for 1910-11. 1090.91 lbs. butter, 261927 lbs. milk to her credit.

King Pontiac Josey is our junior herd sire.

Sire: A grandson of Bella Lyons Netherland, the only cow to twice make over 34 lbs. and again pass 32 lbs. She was the first 34-lb. cow to have a 34-lb. dam. Her dam and sire's dam are the only two cows each to have four daughters averaging over 30 lbs.

Dam: Crown Prince Josey, another great year record cow, with 28752.3 lbs. milk, 1227.78 lbs. butter to her credit.

We offer young bulls ready for use. A son of "King Lunde" from a 29-lb. dam; a son of "King Josey" from a 24-lb. daughter of Pontiac Korndyke. Two sons of "King Josey" from A. R. O. daughters of King Linde—also females in calf.

E. H. KNAPP & SON
FABIUS, N. Y.

Holsteins Worth While

HERD BULLS

Segis Johanna Walker, son of King Walker and a daughter of King Segis, **Jenningshurst Korndyke Johanna,** son of Korndyke Abbekerk and a daughter of Johanna Rue 3d's Lad.

KING MASSASOIT

Son of King of the Pontiacs and a daughter of King Fayne Segis. **Walker Pietertje Segis Fayne,** son of King Walker Segis and a daughter of King Fayne Segis

Combined

with females of all the best families. If you are interested in Holsteins, let us hear from you.

Crystal Spring Farm
G. SMITH & SONS, Inc.
Seeleyville, Pa.

Knob Hill Farm
W. B. CLARK
Honesdale, Pa.

POLLED HOLSTEIN BULL

About one-half white, 14 months old, well grown—has small scours on loose horns. Dam, a senior 3-year-old whose 7-day record is 23.3 lbs. butter; 30 day record 93.5; 365 days record 20,911.9 lbs. milk and 836.92 lbs. butter. Sire's dam, a senior 4-year-old, a prize winner last year, has a 7-day record of 23.73 lbs. butter and a 30-day record of 94.96 lbs.; 293-day record of 17,626.4 lbs. milk, 750.83 lbs. butter. Average of two nearest dams 7 days 576.6 lbs. milk, 23.49 lbs. butter; 30 days, 2425.2 lbs. milk, 94.26 lbs. butter; semi-official, 19,219.2 lbs. milk, 793.82 lbs. butter. The dam of this bull stands eighth in the breed list of senior 3-year-olds semi-officially. She is due to freshen again in June and we consider her a good prospect for 30 lbs. or more. First check for $500.00 takes him. Catalogue for stamp.

GEO. E. STEVENSON & SON, CLARKS SUMMIT, PA.

Which Do You Want? We Have Both

If you, like most breeders, want a bull to develop yourself, we have four very fine bull calves from A. R. O. dams by well known sires and sires of good record.

If you would prefer a mature bull ready for immediate service, we have an excellent bull both as to pedigree and individuality that we will guarantee to become the sire of A. R. O. daughters.

Pedigrees, particulars, prices and pictures on request.

BENCHESTER FARM Easton, Pennsylvania. Route 3
EUGENE B. BENNETT, Owner

THE REPUTATION OF A GREAT HERD

Is staked on the combination of the blood of King Lyons with that of King Segis, and it is giving results. The young daughters of King Segis lead the world for average quality, and we have more of his high record daughters than any otehr breeder in the country.

How Does This One Suit You?

A son of King Lyons, from Segis Allie, a 18.55-lb. 2-year-old daughter of King Segis. Second dam a 22-lb. 3-year-old daughter of Homestead Girl De Kol Sarcastic Lad, and full sister to the sire of Sadie Vale Concordia 4th Pietje 38.43 pounds of butter in seven days. This calf is in New York State at our Rock Stream Farm, where he was raised, and will be sold quickly at our price. There is absolutely nothing better at any price. For complete information address

HAWTHORNE FARMS COMPANY
Main Office and Farms, Barrington, Illinois.
New York Farms, Rock Stream, New York.

Developing Dairying

(Continued from page 1286)

The high cost of living has hit the farmer and his "brindle cow" quite as much as his city cousin, by increased cost of feed bills, higher wages, increased freight rates, etc. The gentleman that could not make milk pay at eight cents a quart is living in a city where wages have reached the highest level with short hours, and it is getting to be a serious question with dairymen in many sections whether to continue or quit.

Patent cream, that has its good qualities in the purity of the water and the homogenized fats it contains, is sold to-day in some cities for the genuine article and not for what it is. Further frauds are being perpetrated upon the public by imitating other dairy products at the expense of both the producer and the consumer.

Is it any wonder that dairymen are become dissatisfied with the business?

This question seems to me should receive the most earnest and careful consideration, as it will have much to do with the future of the business and may avoid a shortage of milk and its products.

There may be well-reasoned-out theories in regard to the amount of butter-fat and moisture in dairy products, yet the laws of this country must meet laws of other countries, so that the producers of dairy products are not at a disadvantage in the markets of the world. The dairymen are alive to these problems of providing good, safe, clean dairy products for the consumer, but at the same time they must keep the cost of these products within bounds, and if there is a lot of fuss and folderol in the business that is unnecessary we should know it.

We should be strict on the essentials necessary to produce wholesome dairy products, but we should not be hampered by foolishness and rules and regulations that are made by those who know little or nothing of the practical side of the great industry which is at the foundation of a prosperous agriculture.

We have on this program experts who will deal with the leading questions that are now affecting the dairy interests, and we hope that we will have the support not only of the consumers of dairy products, but of those who are the disseminators of public opinion. We hope to show our appreciation of those who assist us in building up and our condemnation of those who maliciously tear down.

We believe this convention should work out and fix a standard of sanitary requirements for creameries and cream-buying stations, the absolute essentials in one class and the non-essentials to desirable requisites in the second class. We believe also that standardization of sanitary requirements of dairy farms should be outlined in the same way. We believe, further, that a joint effort should be made by the national and state governments on a basis of reimbursement of those whose cattle are slaughtered for disease, and that this convention should express its opinion on the question of pasteurization.

Whether we shall have an expensive federal inspection of creameries, which would reach only interstate

KING OF THE ORMSBYS

BORN FEBRUARY 24 1916

SOMETHING NEW SOMETHING BETTER

In this young bull is centered a combination of records that is unapproached by any other bull in the world, with the exception of his own brother. No other sire represents so perfectly the combination of individuality, size and world's record production.

PROOF

HIS DAM

AT 5 YEARS

Butter, 7 d	36.11
Milk	736.10
Butter, 1 y	1040.00
(Carried calf 7 mos.)	

SPRING BROOK BESS BURKE 2nd

AT 6 YEARS

Butter, 7 d	38.22
Milk	792.30
Butter, 30 d	154.78
Milk	3267.60

DAM'S DAM

SPRING BROOK BESS BURKE

Butter, 7 days	34.80

(The ONLY 34-lb. cow with two daughters above 33 lbs.)

Producers, Reproducers and Show Ring Winners

SIRE'S DAM

PIETERTJE MAID ORMSBY

Butter, 7 days	35.56
Butter, 30 days	145.66

(World's Champion 1911)

HIS SIRE

Sir Pietertje Ormsby Mercedes, in many respects the **greatest sire that ever lived.** He has 50 A. R. O. daughters that average **higher** in the 7-day divisions of **every class** than **any other sire** with 50 or more tested daughters. His only mature daughters average 31.79 lbs. He has 15 junior two-year-olds above 20 lbs.—a record equaled by only one other sire. He has sired **more** great show-ring winners than any other sire, and is **the greatest sire that ever lived for combining show-ring type** with **world's record production.**

In just two generations back of KING OF THE ORMSBYS

Spring Brook Bess Burke 2d (World's Champion)	38.22	Gracie De Kol Ormsby	33.32
		Canary Johanna Korndyke	31.36
Pietertje Maid Ormsby (World's Champion)	35.56	Haidee Fannie Ormsby, 4 y.	31.20
		Akkrummer Ormsby	31.07
Spring Brook Bess Burke (World's Champion reproducer)	34.80	Miss Korndyke Maid Ormsby	30.86
		Skylark Canary	30.77
Glen Canary De Kol, 3 y. (World's Champion)	34.59	Skylark DK Lady Mercedes	30.44
		Buffalo Maid	30.38
Bess Pietertje Ormsby Mer., 3 y. (World's Champion)	33.15	Heilo Aaggie De Kol	30.37
Queen Piebe Mercedes, 2y. (World's Champion)	29.83	Queen Piebe of Fw, 2d, 4 y.	30.13
		Maple Knoll Helen, 4 y.	30.97

CONSIDER THE FACT that the majority of the close relatives of this young bull are as yet undeveloped; **CONSIDER THE FACT** that nearly every animal in this herd carries from 50 to 100% the same blood as **KING OF THE ORMSBYS** and that they will be retained in this herd and given every chance for development.
Consider what it will mean to you to place **KING OF THE ORMSBYS** at the head of your herd.

E. C. SCHROEDER Moorhead, Minn.

Grand View Herd

HERD SIRE, SPRING FARM KING AGATHA 113056

His dam, Spring Farm Agatha Pontiac at 3 yr., 1 mo., 30.67. Her dam, Agatha Pontiac at 4 1-2 yrs., 36.90 (world's record when made.)

His sire's dam, Tweede White lady 37.45 average for 3 nearest dams 35 lbs.

His First Daughter, Beryl Waldorf Agatha at 1 yr., 10 mo., 10 days 410.5 lbs. milk 22.02 lbs. Butter (world's record).

A few bulls sired by Spring Farm King Agatha and from dams with records from 20 lbs. as 2 year olds to 32 lbs.

Write for particulars stating just what you want.

WATKINS BROS.
CAMDEN, N. Y.

The Balsams Stock Farm

The Balsams Stock Farm has over two hundred females in its herd.

Every cow that freshens is given an official record. A large number of yearly records have been made.

The sire is Dutchland Creamelle Pontiac Lad. His name means large production of milk and butter. One of his sons at the head of your herd adds production. He has an unbroken line of milk and butter records behind him. His dam is Pontiac Ascalon, the second best yearly record daughter of Pontiac Korndyke, with a record of 22827.5 pounds of milk and 1015.65 pounds of butter. His sire is Dutchland Creamelle Korndyke Lad, a bull that is from the thirty-pound cow Dutchland Colantha Vale, former world's champion two-year-old, with 22750 pounds of milk and 857 pounds of butter. She is now on yearly official test and it looks as if she would break all records. Second dam Creamelle Vale, with 29591 pounds of milk in a year; third dam De Kol Creamelle, with 26000 pounds of milk in a year.

We have a few of his young sons. Write for pedigrees and prices.

HENRY S. HALE, Owner **P. A. CAMPBELL, Mgr.**
Box B, Dixville Notch, N. H.

PONTIACS AND ORMSBYS

Breeders want Ormsby and Pontiac bred Holsteins. My herd sire is a son of the King of the Pontiacs and I have a number of Ormsby and Pontiac bred bulls of breeding age.

ROBERTS DE KOL FAYNE, born October 6, 1914. Dam's record: 721 pounds butter and 18,573 pounds of milk.

ROBERTS DE KOL FAYNE, born September 28, 1914. Dam's record: 594.5 pounds of butter and 15,426.5 pounds of milk.

ROBERTS KINSMAN PONTIAC, born December 18, 1914. Dam's record: 675.59 pounds of butter and 16,032 pounds of milk.

ROBERTS KING PONTIAC, born March 25, 1915. Dam's record: 630.26 pounds butter and 14,392.7 pounds of ilk.

The grandam of Roberts King Pontiac may be seen on page 365 of Hoard's Dairyman March 17th issue, and a picture of Roberts Kinsman Pontiac and his dam may be seen on page 89 of Kimball's Dairy Farmer, February 15th issue.

DR. DAVID ROBERTS STOCK FARM
WAUKESHA, WIS.

shipments, or whether an adequate state inspection shall be supported, or whether it would be wiser to have a modification of both by having the National Department of Agriculture, together with a board of practical experts on dairying approve the work of the respective states, if satisfactory, is a question that should be determined by this convention.

The following resolutions were passed by the convention:

Whereas, contagious abortion among the dairy herds of this country is a very serious menace to the profitable production of milk, exceeding in its economic destructive character any of the other diseases to which dairy cattle are subject,

Resolved, That the Department of Agriculture is hereby urged to give attention in the most persistent and comprehensive fashion possible, independently and in co-operation with the state experimental stations, to this disease with a view toward controlling it and lessening its ravages. We request that the best qualified investigators be assigned to this exclusive task. In view of the tremendous economic importance of this problem, we request that it be approached at once from every possible hopeful angle.

Whereas, the presence of tuberculosis in cattle is a menace to the profit of the breder and the dairy farmer; and

Whereas, its presence in the herd can, as a rule, be detected by the application of the tuberculin test by men skilled in its use and when administered under proper conditions;

Resolved, That this convention urges breeders and handlers of all classes of dairy cattle to weed out reacters from their herds as a matter of protection to their own financial interests, either consigning them to the butcher or segregating them in the herd, when they are of sufficient value to warrant such manner of handling;

Resolved, That this convention heartily endorses the state-accredited herd plan of inducing breeders voluntarily to offer their herds for official test and secure a certificate which will accredit their cattle to any state without retest;

Resolved, That reasonable compensation should be allowed by federal and state authorities for all animals slaughtered in the eradication of tuberculosis. This compensation should not be arbitrarily limited by statute, but should be fixed by appraisal in each case, or by court decision on proof of the value of the slaughtered animals.

Whereas, in the Year Book of the Department of Agriculture for 1912 appeared a report on the dairy and creamery industry of the United States, based on an inspection of only 144 creameries and dairies among the thousands in this country; and

Whereas, unwarranted and untrue inferences have been drawn from such report by the consumers of American butter, and the information therein presented has been unfairly used by interests hostile to the dairy industry to damage it immeasurably;

Resolved, That the facts are thus made matter of record and that report declared woefully incomplete in its survey and wholly false in its conclusions;

CAZENOVIA BREEDERS

LORENZO FARM
Cazenovia, N. Y.

Inquiries asked for A. R. O. cattle

Charles S. Fairchild

Son of a 30-lb. Cow—Sired by King of the Pontiacs Small Hopes, whose first 3 daughters average over 20 lb. at 2 years, one being the champion heifer of the State of Washington. He is one of the good sons of King of the Pontiacs. This is a beautiful, square-built individual ready for service, and a desirable herd-header any way you look at him. Send for complete information. **J. A. Fuggle, Sulphur Springs Farm, Cazenovia, N. Y.**

FOR SALE—Farm of 108 acres, 10 acres in alfalfa, 30 more will raise alfalfa, 10 acres good for garden truck if wished. Buildings all newly repaired, new silo, barn 90 feet long, 30 stanchions, 5 horse stalls, 2 box stalls, 10-room house with running water in house and barns. The farm is well watered, never fails. This farm is 20 minutes drive from four villages. Wintered 30 head of cattle and 5 horses last winter and sold hay. Had 20 tons ensilage left. Now if it is a bargain you want in a farm, it will pay you well to come and see me. I also have 3 more farms to sell and they must be sold. Terms easy.

R. D. LEE **CAZENOVIA, N. Y.**

MEADOWOOD FARMS, Cazenovia, N. Y.
PURE BRED PEDIGREED
HOLSTEIN-FRIESIAN CATTLE
CHESTER WHITE SWINE
S. C. WHIT LEGHORN POULTRY
STOCK FOR SALE

W. G. Chard, Prop. A. L. Shepherd, Mgr.

I HAVE A 1915 7½-H. P. INDIAN MOTORCYCLE, nearly new, in fine running condition, that I wish to exchange for registered Holstein-Friesian heifer calves. The motorcycle is fully equipped.

Harold B. Lee **Cazenovia, N. Y.**

CAR LOAD FOR SALE

Daughters of Changeling Butter Boy 41398 and Tidy Abbekerk Prince 37770. We have a few bulls left, yearlings and calves. Write for particulars.

GEORGE F. BLEWER ESTATE
NEWARK VALLEY, N. Y.

BARKER FARM HOLSTEINS

Herd Sires: **Spring Farm King Pontiac Mercedes, 104884,** two nearest dams average 32.956 lbs., and **Finderne Netherland Korndyke, 155460,** son of the world record junior two for 7 and 30 days and by a brother to the 40-lb. 4-year-old.

Young bull calves for sale, also some very good pure-bred and high grade females, all ages. Send for pedigrees and information.

C. P. BARKER

Chippewa Falls **Wisconsin**

KING SEGIS PATENT LOCK

Ear Tags, Bull Staffs and Ring Description and price sent on application. 300,000 of ear tags have been sold without adverse criticism. 500 of these Bull Staffs are used by the best breeders in the business.

H. A. MOYER **Syracuse, New York**

Resolved, That its publication was all the more reprehensible because of many years constant progress has been made in pasteurization and in general improvement in handling cream and in the manufacture of creamery butter, until today much the larger per cent of American creamery butter is made from pasteurized cream;

Resolved, That we approve and recommend general pasteurization of all creamery butter.

Whereas, the act of Congress of May 29, 1884, created the Bureau of Animal Industry specifically "to prevent the exportation of diseased cattle and to provide means for the suppression and extirpation of pleuro-pneumonia and other contagious diseases among domestic animals"; and

Whereas, by executive act the activities of this bureau have gradually been broadened to include various lines concerned with the breeding and feeding of live stock and the manufacture and distribution of dairy products; therefore

Resolved, That the Conference of Dairy Interests held in Washington May 5-6, 1916, earnestly urges the Secretary of Agriculture to partition the present work of the Bureau of Animal Industry among three separate bureaus or offices, one concerned specifically and exclusively with animal diseases and to be called the bureau or office of Animal Health; one concerned with the encouragement of the breeds of live stock and the improvement of the utility stock on the farm other than dairy cattle, and one concerned specifically with dairy cattle and the dairy industry.

Resolved, That the Secretary of Agriculture be urged to form the heads of these three bureaus or offices into a Federal Live Stock Board, which shall administer all live stock regulations, under the direction of the Secretary of Agriculture.

Resolved, That the Secretary of Agriculture be also urged to request from Congress another Assistant Secretary of Agriculture, to whom the heads of these three bureaus or offices shall be responsible.

Whereas, at the present time the regulations under which the milk supply of the country is produced are promulgated by the health boards of states and cities, and are subject to more or less change under different administrations of the health bureaus, thereby causing dissatisfaction between the producers and the health officers, and placing unnecessary burdens of expense upon the producers in changing buildings to conform to varying requirements;

Resolved, That we call upon the Secretary of Agriculture to appoint a committee consisting of two milk producers, one milk dealer, and two sanitarians, known to be identified with milk-production methods in advanced form, to frame a set of rules and regulations covering milk production, which shall embrace methods to be used in the care and handling of cattle, shall describe methods that insure cleanliness of cow and milker, shall set forth treatment of milk from udder to delivery, shall outline barn construction and cleanliness of barns, all with due regard to keeping cost at

KING COLANTHA CLOTHILDE 3d 98849

Heads our herd. His six nearest dams, including one 3-yr-old, average 30.58 lb. His sire, King Colantha Clothilde, was by Colantha Johanna Lad, the great son of the first 35-lb. cow, and from Abby Hartog Clothilde, the only 31-lb. cow having a 30-lb. 4-yr-old daughter that has a 30-lb. 3-yr-old daughter. The dam was from Mary Walker Pietertje (31.81 lb.), the only 31-lb. cow having a dam with 32.9 lb., and a daughter with over 31 lb. The dam's sire is Beauty Pietertje Butter King, son of Beauty Pietertje (30.51 lb.), who has a 30-lb. daughter with a 30-lb. daughter, and Clothilde Goudgeld Hugo, who has two 30-lb. daughters, each with a 30-lb. daughter and granddaughter.

We can offer several bull calves by this sire and all from officially tested dams at exceptionally low prices, as we need the room.

Flock Brewing Co.
LOYALSOCK HERD
WILLIAMSPORT, PA.

NOW OFFER ANOTHER SON

Of the head of the herd and a daughter of Willowbridge Butter Boy De Kol 2d, 36142, butter 2 years 18.078 lbs. in 7 days —next dam, granddaughter of King Segis born February 7, 1916—nicely marked about half and half.

OTTO L. IVES **Guilford, N. Y.**

¶ Have you investigated our yearly Advertising Rates?
You ought to do this—*Now*

ONE OPPORTUNITY GONE
Here's Another One

The bull advertised recently has been sold to Mr. Jacob W. Eby of Elkhart, Indiana. The bull is of superb breeding, being a son of Finderne Countess, a 25.65-pound junior 2-year-old daughter of Gordon Glen Pontiac and sired by a 33.76-pound son of Pontiac Korndyke. Mr. Eby will use the bull on his select herd of Burke Korndykes and Pontiacs, one of the finest in Indiana. **We are now offering for sale a son of the new 31.104-pound cow, Hilldale Gem Segis, who is a daughter of King Segis Beets. Sire of the bull is Prince Korndyke Pontiac, a 33.76-pound son of Pontiac Korndyke. Bull is 2 years old.**

Get in quick on this one.

Hugh J. Davis

Broadalbin : : New York

What are you kicking about

you men who think you do not get proper value for your stock?

To sell an article for what it is worth you must convince your customer that the value is there. In no way can you better impress your customer with the great blood lines represented in your animals than by showing pedigrees compiled from our vast system of records. We set forth only facts and in a clear, concise, readable manner, and the information given is obtained from the greatest system of records in existence for this line of work.

"The best is cheapest in the end."

Write at once before you lose another sale for the want of pedigrees.

All kinds of office forms.

Sales Management that Satisfies

Liverpool Sale & Pedigree Co., Inc.
Liverpool, N. Y.

Clean

Absorbent

BALED SHAVINGS

Contain no germs of Foot and Mouth disease.
Used where certified milk is produced.
We will make a low price delivered at your station in car lots. Write

OSCAR SMITH & SON, Albany, N. Y.

the level of the means of the average producer.

Resolved, That when a report from such committee shall have been approved by the Secretary of Agriculture, he is requested to use his good offices to have such report generally adopted by the states and cities of the United States.

Whereas, the use of foreign fats in the production of dairy products of all kinds constitutes a fraud upon the dairyman and the ultimate consumer as well,

Resolved, That it is the sense of this conference that all products so made should be so marked as to disclose the materials used in their manufacture.

Whereas, the outstanding benefit derived from co-operative effort of agricultural interests has been demonstrated by this conference;

Resolved, That the different branches of these allied industries be urged to consider a closer union in co-operative legislative effort.

Whereas, the subject of denatured alcohol has always been considered as referring to the conservation of waste products; and

Whereas, we believe that it is a feeding proposition enabling the dairy farms to extract the fuel needed for consumption in the machinery and lighting of the farm and at the same time to furnish from his own fields a more nearly balanced ration; and

Whereas, the necessary experimentation for determining the cost of production and the kind of process and machinery suitable to this development will require expensive research;

Therefore resolved, That this Conference of Dairy Interests calls the attention of Congress to this great field of conservation and approve legislation that will make possible the necessary experimentation.

Whereas, the railroads of New England are now before the Interstate Commerce Commission asking for an increase in rates upon the transportation of milk and cream; and

Whereas, it has been shown by testimony under oath that any increase in transportation rates will be reflected in the price paid to producers for milk and cream; and

Whereas, it has been shown by equally credible testimony that the farmers are receiving less for milk and cream than it costs to produce it; and

Whereas, the dairy industry of New England has declined rapidly, as evidenced by the disappearance of many creameries, large numbers of cows, and in certain localities the abandonment of the dairy business; and

Whereas, an increase in transportation rates in New England may work as an opening wedge in effecting an increase of such rates throughout the country,

Resolved, That this Conference of Dairy Interests tender its sympathy to the farmers of New England in the fight against such increase in transportation rates and respectfully ask that the Interstate Commerce Commission give careful consideration to the rights and equities of the farmers, to the end that dairying may not be handicapped by transportation rates or systems impossible for the producer to bear.

We offer a Son of Friend Hengerveld De Kol Butter Boy

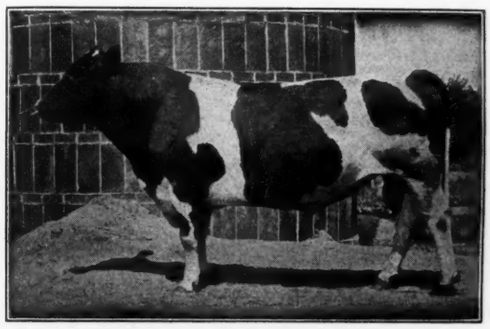
out of Maplecrest Pontiac De Kol Lady—Semi-official, 1 year, Butter 1018.43 (4 years) 7 days 31.12 (5 years). Friend Hengerveld De Kol Butter Boy has 4 daughters over 1000 lbs. and 3 over 1200 lbs. semi-official. Dam's sire Pontiac Aaggie Korndyke has 5 daughters over 1000 lbs. and 3 over 1200 lbs. semi-official.

Evenly marked—straight, broad anu deep.

LUCILLE JOLIE PONTIAC
Fat 19.148, Milk 463.10 Sr. 4-year-class—8 mo. division (World's Record)

ONA CLOTHILDE DE KOL
(12 years) Butter 26.44 Milk 668.50

Young Bulls from above Cows For Sale



ONA FEDORA DE KOL
Butter 30.52, Milk 650.60

ONA BUTTON DE KOL
Butter 30.29, Milk 608.40

ONA CLOTHILDE WAYNE
Butter 32.60, Milk 767.10

MAPLECREST PONTIAC HARTOG 62178 — Senior Sire

The only bull in the World having thirteen 30-lb. sisters, two of which exceeded 35 lbs., three having yearly records in excess of 1200 lbs., and five above 1000 lbs. His dam is Ohio's first 30-lb. cow. She has a daughter having a yearly record of over 12000 lbs., who in turn has a 1200-lb. daughter.

SIR PIETERTJE ORMSBY MERCEDES 40th 132722 — Junior Sire

THIS YEAR EIGHT COWS PRODUCED 94 TO 114.10 POUNDS OF MILK IN TWENTY-FOUR HOURS

MEADOWHOLM HOLSTEIN COMPANY — **CHESTERLAND, OHIO**

PETER SMALL, President and General Manager — KARL NIMS, Herdsman

King Segis Pontiac Alcartra

NUMBER 79602 : : : : : : : : : : : THE $50,000 SIRE

He is the only bull of any breed that has had three sons sell in Public Auction for $10,000 or more each and his sire is the only other bull to have two sons sell at Public Auction for $10,000 or more each and King himself was one of these.

WHY IS THIS A FACT?

Because of his **Superb Breeding, Faultless Individuality, Unapproached Opportunity, Remarkable Offspring.**

All of last season's calves are sold; however, some of our high record cows are now freshening to King Segis Pontiac Alcartra. If you want a son of the King, now is the time to get him, for they all go young.

Correspondence solicited. Visitors welcome.

LAWSON HOLDING COMPANY

LA GRANGEVILLE — **NEW YORK**

WHO PUT THE QUALITY IN ORMSBYS?

HE SURELY DID A GOOD JOB. SEE THE LIST

SOME ORMSBYS

Duchess Skylark Ormsby
World's records for all periods from 90 days to 1 year.

Ormsby Jane Segis Aaggie
World's record for seven and 30 days.

Sadie Vale Concordia 4th
World's record four-year-old. (Sire, Duchess Ormsby Piebe Burke.)

Pietertje Maid Ormsby
World's record cow.

Bloomingdale Hengerveld Ormsby
World's record three-year-old.

Bess Pietertje Ormsby Mercedes
World's record three-year-old, both in milk and butter-fat.

Insen Piebe Mercedes
World's record 2-year-old. (Sire, Sir Pietertje Ormsby Mercedes.)

HENGERVELD DEKOL AND PONTIAC KORNDYKE COMBINATION

King of the Pontiacs
World record daughters

King Segis Pontiac Alcartra
World's record price.

K. P. Pontiac Lass
World's record.

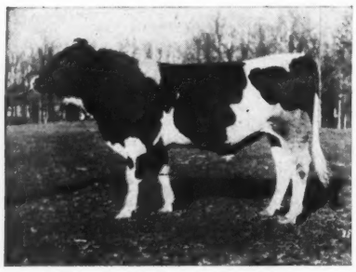
Pontiac Aaggie Korndyke
World's record for 30-lb. daughters.

Pontiac Lady De Kol
World's record.

Pontiac Pet
World's record.

Pontiac Clothilde De Kol 2d
World's record.

Sir Korndyke Hengerveld De Kol
World's record combination.



Sir Ormsby Hengerveld Korndyke
162078. Owned by **John B. Irwin** and **E. C. Schroeder**
His full brother, Sir Hengerveld Korndyke Ormsby, now in use in our herd.

HERE IS THE COMBINATION ILLUSTRATED

FOR SALE

"SIR HENGERVELD KORNDYKE ORMSBY"

TWO - YEAR - OLD

Since we retain half interest in Sir Ormsby Banostine Champion, he will remain at our farms for one year. What would such a combination be worth in your herd?

About five times what we will ask you for him.

These full brothers are alike in Type, Style, Color and Finish.

Miss Korndyke Maid Ormsby 137794
7 day record: Butter, 30.86 lb.
Milk, 582.30 lbs.; fat, 4.237 per cent.
30 day record: Butter, 127.99 lbs.
Milk, 2,354.3 lbs.; fat, 4.349 per cent.

Wood Lake Herd **JOHN B. IRWIN** **Minneapolis, Minn.**

FINDERNE STOCK FARMS

Wishes to announce that they are going to consign one of the best lot of Holsteins ever offered in a public sale.

In the June 8th and 9th sale at Detroit, will be found the following consignment:

A SON OF FINDERNE HOLINGEN FAYNE, No. 144551, who holds all the world's records in the junior 3 year division, butter 7 days 3733, 30 days 155.33 eight months record 22.58, 1 year 1395.58 lbs. and 24612.8 lbs. of milk. Sire King Pontiac Segis Korndyke No. 84705 whose first twelve tested daughters average over 20 lbs. of butter as junior 2 year olds. This youngster is a fine individual, mostly white, and born August 16, 1915.

VALDESSA ORMSBY DE KOL, No. 1440444 record 32.98 at 4 years, 3 months; a daughter of Valdessa Scott 2nd, No. 72311 the first 40 lb. cow and her son born April 29, 1916, and sired by Finderne Johanna Korndyke, No. 131813 who is a son of Finderne Pride Johanna Rue, No. 121083 the exworld's champion for a year.

Finderne Lady Fayne, No. 160398 a 32.98 lb. daughter of King Hengerveld Aaggie Fayne, No. 56635, and in calf to Finderne Johanna Korndyke, No. 131813 due to freshen in July.

Jacoba Hartog Canty, No. 89036, butter 30.82 bred to King Valdessa, No. 137495, a son of Valdessa Scott 2nd, 41.87 lbs.

Also several others with good records, excellent individuals, and bred to King Valdessa.

Bernhard Meyer : Finderne, N. J.

JUDGED BY ALL STANDARDS

The Bulls heading the Beaver Dam Stock Farm Herd "are there".
They have the backing of long lines of high quality production.
They show already their ability to transmit wonderful producing qualities to their offspring.

OUR HERD BULLS ARE:

SIR PRILLY SEGIS is the senior sire at the farm—a likely son of King Segis out of Prilly Princess Julia De Kol. Of his sire we need say nothing, as King Segis, as we all know, is **one of the five only sires having nine 30-lb.** daughters, and seventeen 30-lb. granddaughters, including the present world's champion, Mabel Segis Korndyke 40.3 lbs.

This bull's dam, Prilly Princess Julia De Kol, 30.44 lbs. butter in seven days at 4½ years of age, has made splendid records at 4½ yrs. and 28 months. Her sire is the bull that produced a 32-lb. daughter and she it out of Prilly Princess, who has two 30-lb. daughters and one 29 and one 24-lb. daughter. Prilly Princess is one of the good daughters of the famous foundation cow Prilly. **The whole line on both of the dam and sire's side speaks high quality production.**

ORMSBY KORNDYKE LAD is Junior Herd Sire. His offspring show that they inherit the power to produce, and his daughters are starting off well in A. R. O. work. His two nearest dams average over 35 lbs. The sire is King Korndyke Hengerveld Ormsby, **whose sire unites the blood of Hengerveld De Kol and Pontiac Korndyke and whose dam is Pietertje Maid Ormsby,** a 35-lb. three-fourths sister to the sire of the new world's champion, **Duchess Skylark Ormsby.**

This bull's dam is Polly Posch, 34.61 lbs. at six years. **On two successive years she gave over 700 lbs. of milk and over 2876 lbs. in a month.** She is by one of the best sons of Alta Posch's Son, a noted transmitting sire.

KING OF THE ALCARTRAS, This young fellow is the $6,000 calf I bought of Mr. Arfmann of Fairmont Farms.

Beaver Dam Stock Farm offers for sale bull calves sired by Sir Prilly Segis and out of record dams at reasonable prices.

BEAVER DAM STOCK FARM

JULIUS SCHMID, Proprietor **MONTGOMERY, N. Y.**

World's Champion Bull

We have recently purchased from John B. Irwin a half interest in

Sir Ormsby Banostine Champion 166276

Son of the world's record cow for all ages and breeds. **Duchess Skylark Ormsby 124514,** 1,506.36 lbs. butter and 27,761.07 lbs. milk in one year. He will be bred to daughters of **Colantha Johanna Champion 45674,** son of Colantha 4th's Johanna, 1,247.82 lbs. of butter in one year, from our big yearly record cows.

This is the place to find bull calves with large yearly record backing.

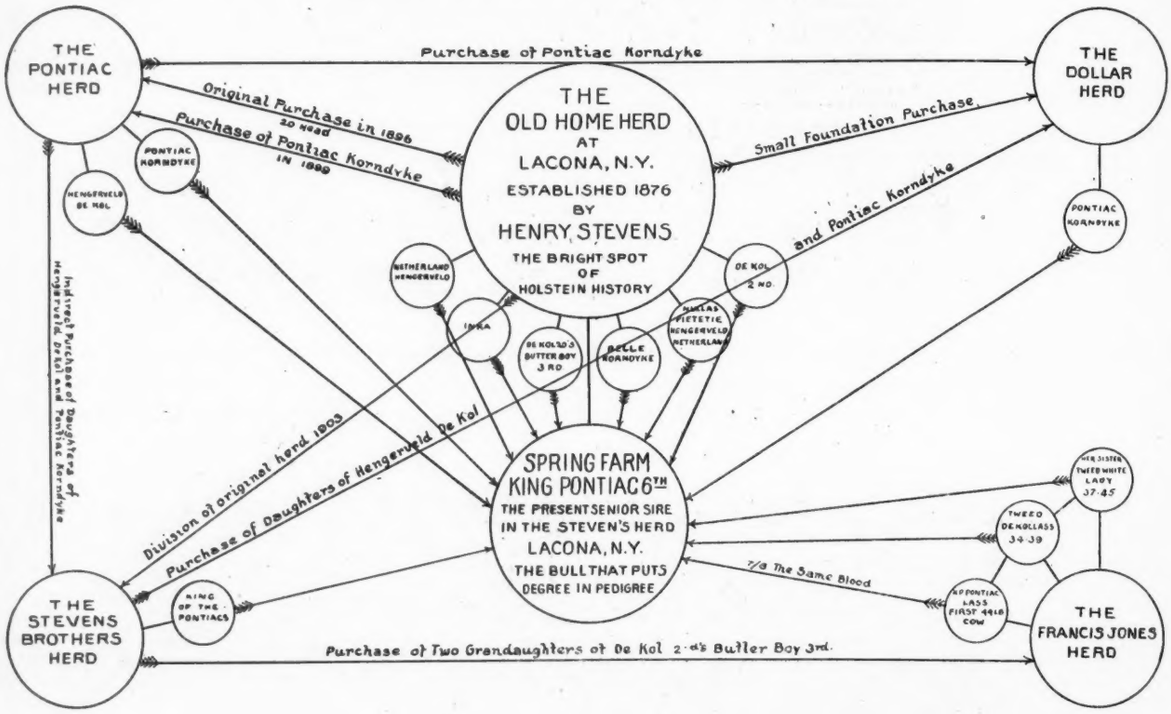
Send for Our New Bull Catalog

Emblagaard Dairy, **Marquette National Building,** **Marquette, Mich.**

SUCCESS

The Pontiac Herd, the Dollar Herd, the Stevens Brothers Herd, the Francis Jones Herd. Every student of Holstein History is willing to admit their success both in their breeding operations and in a financial way. Have you ever thought where this successful breed started and what were the bright spots in the history of these herds?

LOOK OVER THE DIAGRAM



All that is best of all of them is back home where they started from in

Spring Farm King Pontiac 6th

See where his blood lines come from. The diagram shows why he is the bull that put Degree in Pedigree. The thousand-dollar futurity sire. Service fee $200, approved cows. Good sons of his for sale. Write now.

Henry Stevens & Son

BROOKSIDE STOCK FARM **LACONA, NEW YORK**

Established 1876 175 Head